

Courses of the master's degree
Marine Biology and Aquaculture
New Didactic Plain from A.Y. 2022/2023

1th YEAR 1th SEMESTER (both curricula)				
COURSES	MODULES	ECT	PROF	SEMESTER
Physical and chemical oceanography		6	M. Ribeira D'Alcalà	I
Biodiversity of marine environment and monitoring	Marine animal biodiversity	6	Anna Di Cosmo	I
	Marine plant biodiversity	6	Maria Cristina Buia	
Marine microbial biodiversity		6	Donato Giovannelli	I
Algal biology		6	Karl Joseph Duffy	I
Observational strategy and scientific diving		6	Gianluca Polese	I

1th YEAR 2nd SEMESTER Curriculum Marine Biology				
COURSES	MODULES	ECT	PROF	SEMESTER
Marine ecology		6	Simonetta Fraschetti	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		
TOTAL ECT 1th Year		60		

1th YEAR 2nd SEMESTER *Curriculum Marine Aquaculture*

COURSES	MODULES	ECT	PROF	SEMESTER
Fishery ecology		6	_____	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	
Optional activitiy		6		
TOTAL ECT 1th Year		60		

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 activitiy	6		I
Internship/acquisition of italian language* (per studenti stranieri)	6		
Thesis	30		
TOTAL ECT 2nd Year	60		

2nd YEAR Curriculum Marine Aquaculture

COURSES	MODULES	ECT	PROF	SEMESTER
Pathology in aquaculture	Desease and diagnostic of Mollusc and Crostacean	6	Francesca Carella	I
	Pathology of Teleost	6	Gionata De Vico	
Hygiene of aquatic productions		6	Giovanni Libralato	I
Optional activitiy		6		
Internship/acquisition of italian language* (per studenti stranieri)				
Thesis		30		
TOTAL ECT 2nd Year				

OPTIONAL COURSES

INSEGNAMENTI	CFU	DOCENTI	SEMESTRE
Marine Geology (GEO/04/05)	6	David Iacopini	II
Management of Marine Resources	6	_____	II
Rearing Techniques of Aquatic Species (AGR/20)	6	Giovanni Piccolo	II
Conservation Genetics	6	Giuseppe Saccone	II