

COURSES PLAN - A.Y. 2023-2024

FIRST YEAR						
MANDATORY COURSES:				CFU	SSD	Semester
BIODIVERSITY AND MARINE ECOLOGY (12 ETCS)	BIODIVERSITY	LESSON – 4 CFU	6	BIO/07	First	
		PRACTICAL ACTIVITY – 2 CFU				
	MARINE ECOLOGY	LESSON – 4 CFU	6	BIO/07		
		PRACTICAL ACTIVITY – 2 CFU				
CHEMISTRY OF MARINE ENVIRONMENT		LESSON – 6 CFU	6	CHIM/12	Second	
FUNDAMENTALS OF MARINE BIOLOGY		LESSON – 4 CFU	6	BIO/05	First	
		PRACTICAL ACTIVITY – 2 CFU				
FUNDAMENTALS OF MARINE PHYSICAL GEOGRAPHY		LESSON – 4 CFU	6	GEO/04	First	
		PRACTICAL ACTIVITY – 2 CFU				
INTERNATIONAL LAW OF THE SEA		LESSON – 6 CFU	6	IUS/13	First	
PHYSICS OF THE SEA		LESSON – 5 CFU	6	FIS/06	Second	
		PRACTICAL ACTIVITY – 1 CFU				
STUDENTS HAVE TO CHOOSE TWO COURSES (12 CFU) AMONG THE FOLLOWING ONES:						
ENGINEERING, CHARACTERIZATION AND DEGRADATION OF POLYMERS IN THE MARINE ENVIRONMENT		LESSON – 6 CFU	6	ING-IND/22	Second	
APPLIED GEOMORPHOLOGY AND HABITAT		LESSON – 4 CFU	6	GEO/04	Second	
		PRACTICAL ACTIVITY – 2 CFU				
BIOFACIES		LESSON – 4 CFU	6	GEO/01	Second	
		PRACTICAL ACTIVITY – 2 CFU				
ENVIRONMENTAL JUSTICE AND GEOPOLITICS OF THE SEA *		E-LEARNING LESSON – 6 CFU	6	M-GGR/02	Second	
GEOBIOLOGY		LESSON – 5 CFU	6	GEO/01	First	
		PRACTICAL ACTIVITY – 1 CFU				

HUMAN GEOGRAPHY OF SMALL ISLAND SYSTEMS	LESSON – 6 CFU	6	M-GGR/01	Second
MARINE ENVIRONMENTAL MICROBIOLOGY	LESSON – 5 CFU	6	BIO/19	First
	PRACTICAL ACTIVITY – 1 CFU			
MARINE INVERTEBRATE ZOOLOGY	LESSON – 6 CFU	6	BIO/05	Second
MARINE VERTEBRATE ZOOLOGY	LESSON – 6 CFU	6	BIO/05	Second
OCEAN AFFAIRS LAW AND POLICY	LESSON – 6 CFU	6	IUS/13	Second

* Remote lesson by videoconference

SECOND YEAR				
MANDATORY COURSE:		CFU	SSD	Semester
COASTAL AND MARINE HAZARD AND RESILIENCE *	E-LEARNING LESSON – 6 CFU	6	M-GGR/02	First
STUDENTS HAVE TO CHOOSE TWO COURSES (12 ETCS) AMONG THE FOLLOWING ONES:				
APPLIED MARINE GEOLOGY	LESSON – 2 CFU	6	GEO/04	First
	PRACTICAL ACTIVITY – 4 CFU			
COASTAL AND MARINE BOTANY	LESSON – 4 CFU	6	BIO/01	First
	FIELD ACTIVITY – 2 CFU			
COASTAL AND MARITIME TOURISM	LESSON – 6 CFU	6	M-GGR/02	First
COASTAL RISKS AND DYNAMICS	LESSON – 6 CFU	6	ICAR/02	First
COMMUNICATION SKILLS AND INTERPERSONAL RELATION MANAGEMENT	LESSON – 6 CFU	6	M-PSI/08	First
MANAGEMENT OF AQUATIC RESOURCES: FISHERIES *	E-LEARNING LESSON – 6 CFU	6	BIO/07	First
MARINE MOLECULAR BIOLOGY	LESSON – 6 CFU	6	BIO/11	First
OCEAN MONITORING AND DATA ANALYSIS	LESSON – 1 CFU	6	GEO/12	First
	PRACTICAL ACTIVITY – 5 CFU			
PALEOCEANOGRAPHY AND PALEOCLIMATOLOGY	LESSON – 4 CFU	6	GEO/01	First
	PRACTICAL ACTIVITY – 1 CFU			
	FIELD ACTIVITY – 1 CFU			

OTHER MANDATORY ACTIVITIES						
INTERNSHIP				4	NN	Annual
FURTHER LINGUISTIC KNOWLEDGE	Italian students have to choose among following ones:	ENGLISH - C1 LEVEL	4	NN	Annual	
		FRENCH - B2 LEVEL	4	NN	Annual	
		GERMAN - B2 LEVEL	4	NN	Annual	
		SPANISH - B2 LEVEL	4	NN	Annual	
	Mandatory for foreign students	ITALIAN - B1 LEVEL	4	NN	Annual	
EDUCATIONAL ACTIVITIES "TO BE CHOSEN BY THE STUDENT"				12	NN	
FINAL EXAMINATION				28	NN	

* Remote lesson by videoconference

EDUCATIONAL ACTIVITIES "TO BE CHOSEN BY THE STUDENT" – 12 CFU

The activities "to be chosen by the student" are part of the curriculum and students can acquire the expected 12 CFU by choosing among one of the following ways:

- a) Courses for 12 CFU offered in this program or by other master's programs of the Milano-Bicocca University
- b) Practical training for 6 CFU and one course for 6 CFU offered in this program or by other master's programs of the Milano-Bicocca University
- c) Practical training for 12 CFU

INFORMATION:

The Academic Year is subdivided into two terms, conventionally called semesters; first semester from October to January, second semester from March to June.

Teaching language is English

1 CFU (1 Italian credit) corresponds to 7 h of lesson or 12 h of practical activity or 10 to 12 h of field activity