UNIVERSITA'
POLITECNICA
DELLE MARCHE

Dipartimento
di Scienze
della Vita
e dell'Ambiente
DISVA

STUDY PROGRAM A.Y. 2026/2027

Italian Class LM-6 R - Biology (Italian D.M. 270/04)

Master's Degree Course "MARINE BIOLOGY"

	Lingua	DISCIPLINA	Tipologia	SETTORE		CFU	Tot. Ore
		1st YEAR					
1	Eng	Marine biology and marine ecology	Core	BIOS-05/A		**8**	**64**
2	Eng	***Combined course: Physical, chemical and biological oceanography***				**9**	**72**
		Oceanography	Sim.	GEOS-04/C	6		
		Chemical and biological oceanography	Others	BIOS-01/A	3		
3	Eng	Marine genomics	Core	BIOS-14/A		**6**	**48**
4	Eng	Evolutionary biology of marine vertebrates	Core	BIOS-04/A		**6**	**48**
5	Eng	Marine conservation biology (IMBRSea)	Core	BIOS-05/A		**6**	**48**
6	Eng	Marine protected areas design and management (IMBRSea)	Sim.	BIOS-03/A		**6**	**48**
7	Eng	***Combined course: Field practices: Sampling design and census of marine communities***				**11**	**88**
		Sampling and census of marine algae and seagrasses	Core	BIOS-01/A	5		
		Sampling and census of marine animals	Core	BIOS-03/A	6		
	Eng	Marine GIS and spatial planning (IMBRSea)	Others	GEOS-03/A		**3**	**24**
		Free-choice credits (electives)*				**6**	
		Stage	Others			**4**	
				Total CFU		**65**	
		2nd YEAR (activated A.Y. 27/28)					
8	Eng	Fishery biology	Core	BIOS-05/A		**6**	**48**
9	Eng	***Combined course: Reproductive biology of marine vertebrates and aquaculture***				**10**	**80**
		Commercial and ornamental aquaculture	Sim.	BIOS-04/A	5		
		Reproductive biology of marine vertebrates	Core	BIOS-04/A	5		
10	Eng	Applied marine ecology (IMBRSea)	Core	BIOS-05/A		**6**	**48**
11	Eng	Marine ecotoxicology (IMBRSea)	Core	BIOS-10/A		**6**	**48**
	Eng	Field practices: Marine monitoring	Others	BIOS-05/A		**7**	**56**
		Free-choice credits (electives)*				**6**	
		Thesis				**14**	
				Total CFU		**55**	
				Total		**120**	
12		**IMBRSea courses and statutory courses MB for free-choice credits (electives):**					
	Eng	Field practices: Sampling design and census of marine communities (IMBRSea)	D	BIOS-03/A	3 3	**6**	**48**
	Eng	Marine ecology (IMBRSea)	D	BIOS-05/A		**6**	**48**
	Eng	Oceanography (IMBRSea)	D	GEOS-04/C		**6**	**48**
	Eng	Marine policy and governance (IMBRSea)	D	GIUR-09/A		**3**	**24**
	Eng	Marine genomics (IMBRSea)	D	BIOS-14/A		**3**	**24**
	Eng	Field practices: Marine monitoring (IMBRSea)	D	BIOS-05/A		**6**	**48**
	Eng	Transferable skills course: Science dissemination and communication (IMBRSea)	D	BIOS-05/A	2 1	**3**	**24**
	Eng	Restoration of hard bottoms and tropical reefs: field work and practice (IMBRSea) 2nd year	D	BIOS-03/A		**6**	**48**
	Eng	Restoration of seagrasses and algal forests: field work and practice (IMBRSea) 2nd year	D	BIOS-01/A		**6**	**48**
	Eng	Quantitative methods in marine science (IMBRSea) **	D	BIOS-05/A		**6**	**48**
	Eng	Marine ecosystem restoration: an introduction (IMBRSea) ** 2nd year	D	BIOS-05/A		**6**	**48**

***Students must select and include in their study plan the elective courses during the academic year they are actually offered.**

At least 6 CFU must be acquired attending one of the optional courses

** Statutory course, automatically assigned if the student does not submit a study plan, and modifiable by the student according to the rules and procedures established for study plan changes:

> Quantitative methods in marine sciences - first year

> Marine ecosystem restoration: an introduction - second year

a) 1 credit= 8 hours. Together with the theoretical lectures, all courses must have at least 1 credit of experimental session

b) combined courses involve various courses with only one final examination

c) there are no compulsory prerequisite exams

d) Practical training has to be carryied out in structures outside DiSVA for 100 hours