

Vue cycle du programme des cours

		Bl	Or	Th	Pr	Au	Cr
Compulsory courses (B1 : 30Cr)							
STFE9002-1	Master thesis - COLLÉGIALITÉ	B1	TA	-	-	-	30
Compulsory course within the focus (B1 : 6Cr)							
OCEA0057-7	Marine Ecology (anglais) - Marine ecology - Krishna DAS, Sylvie GOBERT - [5h TD] - Introduction to marine ecosystems modelling - Marilaure GRÉGOIRE - Marine ecology fieldtrip - Krishna DAS, Sylvie GOBERT - [6j T. t.]	B1	TA 10 15 -	- - 15 -	[+] - - [+]		6
Optional courses within the focus (B1 : 24Cr)							
Courses totaling 24 credits have to be chosen among : (B1 : 24Cr)							
Framework : global ocean environment							
OCEA0055-5	Biogeochemical Cycles in the Ocean (anglais) - Biogeochemistry 1 - Odile CRABECK, Bruno DELILLE, Peter LANDSCHÜTZER - Biogeochemistry 2 (Advanced Marine Geochemistry) - Odile CRABECK, Bruno DELILLE, Peter LANDSCHÜTZER	B1	Q1 20 20	- - -	- - -		6
OCEA0056-1	Marine Plant Biology and Ecology (anglais) - Marine phanerogames ecology - Sylvie GOBERT - Techniques of sampling in marine ecology - Sylvie GOBERT	B1	Q1 15 15	10 10 -	- - -		6
OCEA0082-1	Carbon, nutrient, greenhouse gases dynamics in marine ecosystems and geological oceanography (anglais) - Carbon, nutrient, greenhouse gases dynamics in marine ecosystems - Alberto BORGES - Marine sediment geochemistry - Nathalie FAGEL	B1	Q1 20 15	5 - 15	- - -		6
OCEA0059-1	Remote Sensing of the Oceans (anglais) - Introduction to satellite oceanography - Aida ALVERA AZCARATE - Advanced satellite oceanography - Aida ALVERA AZCARATE	B1	Q1 15 15	15 15 -	- - -		6
Scientific challenges & opportunities : marine environment protection & resources protection							
OCEA0225-1	Professional practice in marine / environmental sectors (anglais) - Sylvie GOBERT, Michel MARENGO	B1	Q2	-	-	-	6
OCEA0080-1	Biochemistry, Physiology, Biology of coral reefs (anglais) - Physiology and biochemistry of the marine animals - Philippe COMPÈRE - Biology of coral reefs - Stéphane ROBERTY	B1	Q1 15 30	15 - -	- - -		6
OCEA0062-6	Ecotoxicology and Biodegradation of Marine Pollutants, Marine ecotoxicology (anglais) - Krishna DAS - [15h TD]	B1	Q1	15	-	[+]	6
OCEA0063-1	Biology of Marine Mammals (anglais) - Part I : Ecology and ecotoxicology - Krishna DAS - Part II : Pathology and necropsies - Thierry JAUNIAUX	B1	Q1 15 15	- 10 -	- - -		6
OCEA0064-1	Functional and Molecular Marine Microbiology, Molecular approaches to the diversity of marine microorganisms (anglais) - Annick WILMOTTE	B1	Q1	25	25	-	6
Data analysis : interpretation of environmental data							
OCEA0081-1	Numerical methods in geophysics - Part 2 (anglais) - JeanMarie BECKERS	B1	Q1	15	30	-	6