

Vue cycle du programme des cours

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