

Vue cycle du programme des cours

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