

Vue bloc du programme des cours

Or Th Pr Au Cr

Bloc 1
Compulsory courses

 STFE9002-1 *Master thesis* - COLLÉGIALITÉ TA - - - **30**
Focus courses
Single Focus
Research Focus

OCEA0057-7	<i>Marine Ecology</i> (anglais) - <i>Marine ecology</i> - Sylvie GOBERT, Mathieu POULICEK - <i>Introduction to marine ecosystems modelling</i> - Marilaure GRÉGOIRE - <i>Marine ecology fieldtrip</i> - Sylvie GOBERT, Mathieu POULICEK - [6j T. t.]	TA				6
			15	-	-	
			15	15	-	
			-	-	[+]	

Courses totaling 24 credits have to be chosen among :

Framework : global ocean environment

OCEA0055-5	<i>Biogeochemical Cycles in the Ocean</i> (anglais) - <i>Biogeochemistry 1</i> - Bruno DELILLE, Anne MOUCHET - <i>Biogeochemistry 2 (Advanced Marine Geochemistry)</i> - Bruno DELILLE, Anne MOUCHET	Q1				6
			20	-	-	
			20	-	-	
OCEA0056-1	<i>Marine Plant Biology and Ecology</i> (anglais) - <i>Marine phanerogames ecology</i> - Sylvie GOBERT - <i>Techniques of sampling in marine ecology</i> - Sylvie GOBERT	Q1				6
			15	10	-	
			15	10	-	
OCEA0082-1	<i>Carbon, nutrient, greenhouse gases dynamics in marine ecosystems and geological oceanography</i> (anglais) - <i>Carbon, nutrient, greenhouse gases dynamics in marine ecosystems</i> - Alberto BORGES - <i>Geological oceanography</i> - Nathalie FAGEL - [1j T. t.]	Q1				6
			20	5	-	
			20	20	[+]	
OCEA0059-1	<i>Remote Sensing of the Oceans</i> (anglais) - <i>Introduction to satellite oceanography</i> - Aida ALVERA AZCARATE - <i>Advanced satellite oceanography</i> - Aida ALVERA AZCARATE	Q1				6
			15	15	-	
			15	15	-	

Scientific challenges & opportunities : marine environment protection & resources protection

OCEA0225-1	<i>Professional practice in marine / environmental sectors</i> (anglais) - Sylvie GOBERT, Mathieu POULICEK	Q2				6
			-	-	-	
OCEA0060-1	<i>Advanced Marine Zoology</i> (anglais) - <i>Biology of benthos and necton animals : invertebrates</i> - Patrick DAUBY, Mathieu POULICEK - <i>Ecoethology of the marine animals</i> - Christian MICHEL - <i>Ecology of the coral reefs</i> - Mathieu POULICEK	Q1				6
			15	15	-	
			30	-	-	
			30	-	-	
OCEA0080-1	<i>Biochemistry, Physiology and Aquariology</i> (anglais) - <i>Physiology and biochemistry of the marine animals</i> - Philippe COMPÈRE - <i>Aquariology</i> - Christian MICHEL	Q1				6
			15	15	-	
			15	-	-	
OCEA0062-1	<i>Ecotoxicology and Biodegradation of Marine Pollutants</i> (anglais) - <i>Biodegradation of organic molecules in a sea environment</i> - Mathieu POULICEK - <i>Marine ecotoxicology</i> - Krishna DAS	Q1				6
			20	-	-	
			15	15	-	
OCEA0063-1	<i>Biology of Marine Mammals</i> (anglais) - <i>Part I : Ecology and ecotoxicology</i> - Krishna DAS - <i>Part II : Pathology and necropsies</i> - Thierry JAUNIAUX	Q1				6
			15	-	-	
			15	10	-	
OCEA0064-1	<i>Functional and Molecular Marine Microbiology</i> (anglais)	Q1				6

- <i>Marine bacteriology</i> - Mathieu POULICEK	15	30	-
- <i>Molecular approaches to the diversity of marine microorganisms</i> - Annick WILMOTTE	15	15	-

Data analysis : interpretation of environmental data

OCEA0081-1	<i>Numerical methods in geophysics - Part 2</i> (anglais) - JeanMarie BECKERS	Q1	15	30	-	6
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