

Block view of the study programme

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Block 1

Compulsory Courses

STFE9002-1	<i>Master thesis - COLLÉGIALITÉ</i>	TA	-	-	-	30
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Focus courses

Single Focus

Research Focus

OCEA0057-7	<i>Marine Ecology (english language)</i>	TA			6
	- <i>Marine ecology</i> - Krishna DAS, Sylvie GOBERT - [5h Mon. WS]	10	-	[+]	
	- <i>Introduction to marine ecosystems modelling</i> - Marilaure GRÉGOIRE	15	15	-	
	- <i>Marine ecology fieldtrip</i> - Krishna DAS, Sylvie GOBERT - [6d FW]	-	-	[+]	

Courses totaling 24 credits have to be chosen among :

Framework : global ocean environment

OCEA0055-5	<i>Biogeochemical Cycles in the Ocean (english language)</i>	Q1			6
	- <i>Biogeochemistry 1</i> - Odile CRABECK, Bruno DELILLE	20	-	-	
	- <i>Biogeochemistry 2 (Advanced Marine Geochemistry)</i> - Odile CRABECK, Bruno DELILLE	20	-	-	
OCEA0056-1	<i>Marine Plant Biology and Ecology (english language)</i>	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 (english language)</i>	Q1			6
	- <i>Carbon, nutrient, greenhouse gases dynamics in marine ecosystems</i>	20	5	-	
	- Alberto BORGES				
	- <i>Marine sediment geochemistry</i> - Nathalie FAGEL	15	15	-	
OCEA0059-1	<i>Remote Sensing of the Oceans (english language)</i>	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 (english language)</i> - Sylvie GOBERT, Michel MARENKO	Q2	-	-	-	6
OCEA0080-1	<i>Biochemistry, Physiology and Aquariology (english language)</i>	Q1				6
	- <i>Physiology and biochemistry of the marine animals</i> - Philippe COMPÈRE	15	15	-		
	- <i>Aquariology</i> - Marie BOURNONVILLE	15	-	-		
OCEA0062-6	<i>Ecotoxicology and Biodegradation of Marine Pollutants, Marine ecotoxicology (english language)</i> - Krishna DAS - [15h Mon. WS]	Q1	15	-	[+]	6
OCEA0063-1	<i>Biology of Marine Mammals (english language)</i>	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 (english language)</i> - Annick WILMOTTE	Q1	25	25	-	6

Data analysis : interpretation of environmental data

OCEA0081-1	<i>Numerical Methods in Geophysics - Part 2 (english language)</i> - JeanMarie BECKERS	Q1	15	30	-	6
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Block 2