Cycle view of the study programme

		Bl	Or	Th	Pr	Au	Cr
Core curriculum compulsory courses (B1 : 60Cr, B2 : 30Cr)							
OCEA0075-1	*Physical oceanography and marine meteorology* (english language) - *Theory and practice* - JeanMarie BECKERS - *Fieldwork trip* - JeanMarie BECKERS - [3d FW]	B1	Q1 30 -	 15 -	 - [+]		**6**
OCEA0086-1	*Chemical oceanography* (english language) - Alberto BORGES - [2d FW]	B1	TA	20	5	[+]	**4**
OCEA0087-1	*Satellite oceanography* (english language) - Aida ALVERA AZCARATE	B1	Q1	15	15	-	**3**
GEOL1039-1	*Geological oceanography* - *From theory to field work* - Nathalie FAGEL - [1d FW] - *Additional field work* - Nathalie FAGEL - [2d FW]	B1	Q1 20 -	 20 -	 [+] [+]		**5**
OCEA0088-1	*Marine ecology* (english language) - Krishna DAS, Sylvie GOBERT - [5h Mon. WS, 4d FW]	B1	TA	10	-	[+]	**4**
OCEA0089-1	*Introduction to marine ecosystems modelling* (english language) - Marilaure GRÉGOIRE	B1	Q1	15	15	-	**3**
OCEA0014-1	*Mathematical analysis and modelling methods applied to the environment* (english language) - Marilaure GRÉGOIRE	B1	Q1	20	20	-	**4**
OCEA0049-1	*Pelagic oceanography* - Sylvie GOBERT - [20h Mon. WS, 2d FW]	B1	Q2	10	-	[+]	**4**
OCEA0011-2	*Coastal oceanography* - Aida ALVERA AZCARATE, Alexander BARTH - [3d FW]	B1	Q2	20	10	[+]	**5**
OCEA0019-1	*Biological oceanology* - Sylvie GOBERT - [20h Mon. WS, 8d FW]	B1	Q2	10	-	[+]	**6**
OCEA0090-1	*Dynamics of marine ecosystems* - Marilaure GRÉGOIRE	B1	Q2	20	20	-	**4**
DROI0725-1	*Law of the sea and of sea environment* - Philippe VINCENT	B1	Q2	20	-	-	**2**
GEOG0043-1	*Developing marine resources* - Guénaël DEVILLET	B1	Q2	20	-	-	**3**
GEOG2012-1	*Coastal geomorphology, changing sea levels and the vulnerability of coastal regions* - Aurelia HUBERT - [3d FW]	B1	Q2	20	10	[+]	**3**
OCEA0091-1	*Methodological approach to oceanography practice* - Aida ALVERA AZCARATE, Sylvie GOBERT - [30h Mon. WS] *Notice* : A practical, two-week work placement (sampling on a boat, diving, dosages, plankton, benthos, data bases, etc.) is carried out at STARESO, the University¿s Station de Recherches Sous-Marines et Océanographiques (Calvi, France) at the end of the first block of the Masters in Oceanography, to carry out practical work associated with subjects covered during the year (physical, biological, geological, chemical oceanography, etc.).	B1	Q2	-	-	[+]	**4**
DOCU2461-1	*Documentary training and research and scientific writing for the dissertation* - Michaël OVIDIO, Carole ROUGEOT - [30h Mon. WS]	B2	Q1	-	-	[+]	**3**
SMEM0003-1	*Final thesis* - Aida ALVERA AZCARATE, COLLÉGIALITÉ	B2	TA	-	-	-	**27**
Focus compulsory courses (B2 : 10Cr)							
SSTG0032-1	*Internship* - Aida ALVERA AZCARATE, Gilles LEPOINT - [1mois Internship]	B2	TA	-	-	[+]	**6**
OCEA0020-1	*Current issues in oceanography* - Aida ALVERA AZCARATE, COLLÉGIALITÉ, Sylvie GOBERT	B2	Q1	15	15	-	**4**
Focus optional courses (B2 : 20Cr)							
In agreement with the Jury, choose courses for a total of 20 credits, in at least two different fields, from : (B2 : 20Cr)							
Biogeochemistry and climate change							
OCEA0219-1	*Biogeochemical Cycles in the Ocean* (english language) - Odile CRABECK, Bruno DELILLE, Peter LANDSCHÜTZER	B2	Q1	20	-	-	**3**

	Corequisite : OCEA0220-1 - Biogeochemical Cycles in the Polar Ocean and Sea Ice						
OCEA0220-1	*Biogeochemical Cycles in the Polar Ocean and Sea Ice* (english language) - Odile CRABECK, Bruno DELILLE, Peter LANDSCHÜTZER **Corequisite :** OCEA0219-1 - Biogeochemical Cycles in the Ocean	B2	Q1	20	-	-	**3**
GEOL0256-1	*Marine sediment geochemistry* (english language) - Nathalie FAGEL	B2	Q1	15	15	-	**4**
Marine ecology and biodiversity							
BIOL0808-3	*Functional morphology, Marine vertebrates* - Eric PARMENTIER	B2	Q1	15	10	-	**3**
OCEA0093-1	*Molecular approaches to the diversity of marine microorganisms* (english language) - N...	B2	Q1	15	15	-	**3**
OCEA0094-1	*Marine phanerogames ecology* (english language) - Sylvie GOBERT	B2	Q1	15	10	-	**3**
OCEA0063-1	*Biology of Marine Mammals* (english language) - *Part I : Ecology and Ecotoxicology* - Krishna DAS - *Part II : pathology and necropsies* - Thierry JAUNIAUX	B2	Q1 15 15	 - 10	 - -		**4**
OCEA0083-1	*Physiology and biochemistry of the marine animals* (english language) - Philippe COMPÈRE	B2	Q1	15	15	-	**3**
OCEA0223-1	*Biodiversity of tropical coastal regions: study and intercultural context* - Bruno FREDERICH, Gilles LEPOINT, Aliénor PIRLET, Richard RASOLOFONIRINA - [12d FW]	B2	Q2	10	-	[+]	**4**
OCEA0230-1	*Marine invertebrate zoology* - Loïc MICHEL	B2	Q1	20	10	-	**3**
Modeling and operational oceanography							
OCEA0096-1	*Ecological and biogeochemical cycles modeling* - Marilaure GRÉGOIRE, Guy MUNHOVEN	B2	Q1	15	30	-	**3**
OCEA0036-1	*Structures and applications of marine hydrodynamic models* (english language) - Alexander BARTH	B2	Q1	15	15	-	**3**
OCEA0073-1	*Numerical methods in geophysics, Part 1* - JeanMarie BECKERS	B2	Q2	15	30	-	**3**
OCEA0097-1	*Data assimilation and inverse methods* (english language) - Alexander BARTH	B2	Q1	30	-	-	**3**
OCEA0071-1	*Geophysical fluid dynamics - part 1* (english language) - JeanMarie BECKERS	B2	Q2	30	15	-	**5**
SPAT0024-2	*Meteorology* (english language) - *Part 1* - Louis FRANÇOIS - *Part 2* - Louis FRANÇOIS	B2	Q1 20 20	 10 10	 - -		**6**
Exploitation of marine resources, anthropic pressures							
OCEA0227-1	*Tools for analysis and assistance for integrated management* - JeanFrançois DELIÈGE, Sylvie GOBERT - [5h Mon. WS]	B2	Q1	15	15	[+]	**5**
OCEA0226-1	*Introduction to aquaculture* - Carole ROUGEOT	B2	Q1	30	-	-	**3**
OCEA0084-1	*Marine ecotoxicology* (english language) - Krishna DAS - [15h Mon. WS]	B2	Q1	15	-	[+]	**4**
OCEA0144-1	*Biology of coral reefs* (english language) - Stéphane ROBERTY	B2	Q1	30	-	-	**3**
Data acquisition and processing							
OCEA0159-1	*Advanced satellite oceanography* (english language) - Aida ALVERA AZCARATE	B2	Q1	15	15	-	**3**
OCEA0224-1	*Statistical analysis of oceanographic data* - Marilaure GRÉGOIRE, Patrick MEYER	B2	Q1	15	15	-	**3**
OCEA0027-1	*The study of stable isotopes and application to environmental sciences* - Gilles LEPOINT, Loïc MICHEL	B2	Q1	15	15	-	**4**

GEOL0021-7	*Geophysical prospecting* - Frédéric NGUYEN - [5d FW, 20h Proj.]	B2	Q2	26	20	[+]	**5**
PHYS0999-1	*Digital creation in sciences* - Roland BILLEN, Valentin FISCHER, JeanChristophe MONBALIU, Eric PARMENTIER, Michel RIGO, Nicolas VANDEWALLE - [30h Proj.]	B2	TA	10	-	[+]	**5**

[...] Exceptionally, and in agreement with the Jury, one or several courses may be chosen from the courses' programmes of other field of education of the Faculty of Sciences, other faculties or other universities (for example, in connection with the final dissertation, etc.).

Bridging courses (max 15-60 credits) Master in oceanography (120 credits)

Optional courses (B0 : 60Cr)

The refresher programme, for a maximum of 60 credits, will be established by the jury of the Masters in Oceanography, depending on the student's prior training: this programme will enable the student to acquire the basic knowledge required in relevant fields (statistics, IT, biology, chemistry, physics, etc.). (B0 : 60Cr)

[...] Between 15 and 60 ECTS of courses