Block view of the study programme

		Or	Th	Pr	Au	Cr
Block 1						
Compulsory courses						
OCEA0075-1	*Physical oceanography and marine meteorology* - JeanMarie BECKERS - [3d FW]	Q1	30	15	[+]	**6**
OCEA0086-1	*Chemical oceanography* (english language) - Alberto BORGES - [2d FW]	TA	20	5	[+]	**4**
OCEA0087-1	*Satellite oceanography* (english language) - Yves CORNET	Q1	15	15	-	**3**
GEOL1039-1	*geological oceanography* - Nathalie FAGEL - [3d FW]	Q1	20	20	[+]	**5**
OCEA0088-1	*Marine ecology* (english language) - Sylvie GOBERT, Mathieu POULICEK - [4d FW]	Q1	15	-	[+]	**4**
OCEA0089-1	*Introduction to marine ecosystems modelling* (english language) - Marilaure GRÉGOIRE	Q1	15	15	-	**3**
OCEA0014-1	*Mathematical analysis and modelling methods applied to the environment* - Eric DELHEZ	Q1	20	20	-	**4**
OCEA0049-1	*Pelagic oceanography* - Sylvie GOBERT - [2d FW]	Q2	15	15	[+]	**4**
OCEA0011-2	*Coastal oceanography* - Aida ALVERA AZCARATE - [3d FW]	Q2	20	10	[+]	**5**
OCEA0019-1	*Biological oceanology* - Sylvie GOBERT - [8d FW]	Q2	30	-	[+]	**6**
OCEA0090-1	*Dynamics of marine ecosystems* - Marilaure GRÉGOIRE	Q2	20	20	-	**4**
DROI0725-1	*Law of the sea and of sea environment* - Philippe VINCENT	Q2	20	-	-	**2**
GEOG0043-1	*Developing marine resources* - Bernadette MERENNESCHOUMAKER	Q2	20	-	-	**3**
GEOG2012-1	*Coastal geomorphology* - Aurelia HUBERT - [2d FW]	Q2	20	10	[+]	**3**
OCEA0091-1	*Methodological approach to oceanography practice* - Aida ALVERA AZCARATE, Sylvie GOBERT - [30h Mon. WS]	Q2	-	-	[+]	**4**

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.).

Block 2

Compulsory courses

DOCU0450-2	*Documentation training applied to oceanography* - Aida ALVERA AZCARATE, Ninfa GRECO, Serge SCORY - [30h Mon. WS]	Q1	-	-	[+]	**5**
SMEM0003-1	*Final thesis* - COLLÉGIALITÉ	TA	-	-	-	**25**

Focus courses

Single focus

Research Focus

SSTG0032-1	*Internship* - COLLÉGIALITÉ, Gilles LEPOINT - [1mois Internship]	TA	-	-	[+]	**6**
OCEA0020-1	*Current issues in oceanography* - Aida ALVERA AZCARATE	Q1	15	15	-	**4**

In agreement with the Jury, choose courses for a total of 20 credits, in at least two different fields, from :

Biogeochemistry and climate change

OCEA0219-1	*Biogeochemical Cycles in the Ocean* (english language) - Bruno DELILLE, Anne MOUCHET - [2d FW]	Q1	20	-	[+]	**3**

OCEA0220-1	*Biogeochemical Cycles in the Polar Ocean and Sea Ice* (english language) - Bruno DELILLE, Anne MOUCHET	Q1	20	-	-	**3**
OCEA0025-1	*Dynamics of nutrients in marine environment : chemical and biochemical aspects* - François FRIPIAT - [10h FW]	Q1	7,5	7,5	[+]	**3**
GEOL0256-1	*Marine sediment geochemistry* (english language) - Nathalie FAGEL	Q1	15	15	-	**4**
OCEA0033-1	*Global changes and sea environment* - Anne MOUCHET	Q2	15	15	-	**3**
Marine ecology and biodiversity						
OCEA0092-1	*Biology of benthos and necton animals : invertebrates* (english language) - Patrick DAUBY, Mathieu POULICEK - [2d FW]	Q1	15	15	[+]	**3**
ZOOL0007-1	*Ecomorphology of marine vertebrates* - Eric PARMENTIER	Q1	15	10	-	**3**
OCEA0093-1	*Molecular approaches to the diversity of marine microorganisms* (english language) - Annick WILMOTTE	Q1	15	15	-	**3**
OCEA0094-1	*Marine phanerogames ecology* (english language) - Sylvie GOBERT	Q1	15	10	-	**3**
OCEA0043-2	*Ecoethology of the marine animals* - Christian MICHEL	Q1	30	-	-	**3**
OCEA0063-1	*Biology of Marine Mammals* (english language) - *Part I : Ecology and Ecotoxicology* - Krishna DAS - *Part II : pathology and necropsies* - Thierry JAUNIAUX	Q1	 15 15	 - 10	 - -	**4**
OCEA0083-1	*Physiology and biochemistry of the marine animals* (english language) - Philippe COMPÈRE	Q1	15	15	-	**3**
OCEA0095-1	*Marine bacteriology* (english language) - Mathieu POULICEK	Q1	15	30	-	**3**
Modeling and operational oceanography						
OCEA0096-1	*Ecological and biogeochemical cycles modeling* - Arthur CAPET, Marilaure GRÉGOIRE, Guy MUNHOVEN	Q1	15	30	-	**3**
OCEA0036-1	*Structures and applications of marine hydrodynamic models* - Alexander BARTH	Q1	15	15	-	**3**
OCEA0073-1	*Numerical methods in geophysics, Part 1* - JeanMarie BECKERS	Q2	15	30	-	**3**
OCEA0097-1	*Data assimilation and inverse methods* - Alexander BARTH	Q1	30	-	-	**3**
OCEA0071-1	*Geophysical fluid dynamics - part 1* (english language) - JeanMarie BECKERS	Q2	30	15	-	**5**
ESHY0070-1	*Dynamics of lower atmospherical layers and air-sea interactions* - Louis FRANÇOIS	Q1	30	15	-	**4**
Exploitation of marine resources, anthropic pressures						
ZOOL0218-4	*Aquariology* - Christian MICHEL	Q1	30	-	-	**3**
ENVT2022-1	*Marine biology, managing fishing resources in marine waters* - Sylvie GOBERT	Q2	18	6	-	**2**
OCEA0098-1	*Rivers-Oceans interface: diagnosis of surface water quality* - JeanFrançois DELIÈGE	Q1	30	-	-	**3**
GCIV2040-2	*Swell and actions on marine structures* - Sébastien ERPICUM	Q1	15	5	-	**2**
OCEA0028-1	*Impact study in a sea environment : theory and practice* - Pierre LEJEUNE	Q1	20	-	-	**3**
OCEA0099-1	*Marine aquaculture* - Charles MÉLARD, Carole ROUGEOT	Q1	20	16	-	**3**
OCEA0084-1	*Marine ecotoxicology* (english language) - Krishna DAS	Q1	15	15	-	**4**
OCEA0144-1	*Ecology of the coral reefs* (english language) - Mathieu POULICEK	Q1	30	-	-	**3**
OCEA0157-1	*Biodegradation of organic molecules in a sea environment* (english language) - Mathieu POULICEK	Q1	20	-	-	**3**
OCEA0158-1	*Phytoplankton, a tool for supporting the management of the marine*	Q1	10	8	[+]	**4**

environment - Anne GOFFART - [10h Mon. WS]

Data acquisition and processing

OCEA0159-1	*Advanced satellite oceanography* (english language) - Yves CORNET	Q1	15	15	-	**3**
OCEA0035-1	*Data acquisition and analysis, complements* - Aida ALVERA AZCARATE	Q1	15	10	-	**3**
OCEA0027-1	*Applications of stable isotopes in marine sciences* - Gilles LEPOINT	Q1	15	15	-	**4**
OCEA0160-1	*Techniques of sampling in marine ecology* (english language) - Sylvie GOBERT	Q1	15	10	-	**3**
OCEA0085-1	*Methods of investigation, observation and analysis of marine plankton* - Anne GOFFART - [12h Mon. WS]	Q1	10	5	[+]	**4**
GEOL1021-1	*Introduction to geophysical exploration* - Lucien HALLEUX, Frédéric NGUYEN - [5d FW]	Q2	30	30	[+]	**6**
OCEA0161-1	*Scientific diving* - Sylvie GOBERT - [6d FW]	Q1	10	-	[+]	**5**

[...] Exceptionally, and with the agreement of the Jury, one or several courses can be chosen in another programme (for instance, in relation with the student's final dissertation,...)

Bloc d'aménagement du programme de l'année