

Block view of the study programme

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Bloc 1 du programme de l'année

Compulsory courses

OCEA0075-1	<i>Introduction to physical oceanography and marine meteorology</i> - JeanMarie BECKERS - [3d FW]	Q1	30	15	[+]	6
OCEA0082-5	<i>Carbon, nutrient, greenhouse gases dynamics in marine ecosystems and geological oceanography, Carbon, nutrient, greenhouse gases dynamics in marine ecosystems</i> (english language) - Alberto BORGES - [2d FW]	Q1	20	5	[+]	4
OCEA0014-1	<i>Mathematical analysis and modelling methods applied to the environment</i> - Eric DELHEZ	Q1	20	20	-	4
OCEA0057-6	<i>Marine Ecology, Introduction to marine ecosystems modelling</i> (english language) - Marilaure GRÉGOIRE	Q1	15	15	-	3
GCIV2040-2	<i>Swell and actions on marine structures</i> - Sébastien ERPICUM	Q1	15	5	-	2
GEO11039-1	<i>geological oceanography</i> - Nathalie FAGEL - [3d FW]	Q1	20	20	[+]	4
OCEA0057-4	<i>Marine Ecology, Marine ecology</i> (english language) - Sylvie GOBERT, Mathieu POULICEK - [4d FW]	Q1	15	-	[+]	4
OCEA0059-2	<i>Remote Sensing of the Oceans, Introduction to satellite oceanography</i> (english language) - Yves CORNET	Q1	15	15	-	3
OCEA0049-1	<i>Pelagic oceanography</i> - Sylvie GOBERT - [2d FW]	Q2	15	15	[+]	3
OCEA0011-2	<i>Coastal oceanography</i> - Aïda ALVERA AZCARATE - [3d FW]	Q2	20	10	[+]	5
OCEA0019-1	<i>Biological oceanology</i> - Sylvie GOBERT - [8d FW]	Q2	30	-	[+]	8
OCEA0015-1	<i>Principles of interdisciplinary study of sea systems</i> - Marilaure GRÉGOIRE	Q2	20	20	-	3
DROI0725-1	<i>Law of the sea and of sea environment</i> - Philippe VINCENT	Q2	20	-	-	2
GEOG2012-1	<i>Coastal geomorphology</i> - Aurelia HUBERT - [2d FW]	Q2	20	10	[+]	3
GEOG0620-1	<i>Economic geography of the sea</i> - Bernadette MERENNESCHOUMAKER	Q2	20	-	-	3
SSTA0001-1	<i>Integrated placement : preparation, fieldwork guidance, assistant writing up a report</i> - Aïda ALVERA AZCARATE, Sylvie GOBERT - [30h Mon. WS]	Q2	-	-	[+]	3

Bloc 2 du programme de l'année

Compulsory courses

DOCU0450-2	<i>Documentation training applied to oceanography (bibliography and database)</i> - Aïda ALVERA AZCARATE, Ninfa GRECO - [30h Mon. WS]	Q1	-	-	[+]	5
SMEM0003-1	<i>Final thesis</i> - COLLÉGIALITÉ	TA	-	-	-	25

Optional courses

Single focus

Research Focus

Choose, in accordance with the Jury, 1 option among :

Option Oceanography

Choose courses, with the approval of the Jury, totalling 30 credits among :

SSTG0032-1	<i>Practical professional internship in oceanography</i> - COLLÉGIALITÉ, Gilles LEPOINT - [1w Internship]	TA	-	-	[+]	5
OCEA0020-1	<i>Current issues in oceanography</i> - Aïda ALVERA AZCARATE	Q2	15	15	-	4
OCEA0064-4	<i>Functional and Molecular Marine Microbiology, Molecular approaches to the diversity of marine microorganisms</i> (english)	Q1	15	15	-	3

Study programmes 2015-2016

Faculty of Sciences

Master in oceanography (120 ECTS)

	language) - Annick WILMOTTE					
ZOOL0218-4	<i>Aquariology</i> - Christian MICHEL	Q1	30	-	-	3
OCEA0064-3	<i>Functional and Molecular Marine Microbiology, Marine bacteriology</i> (english language) - Mathieu POULICEK	Q1	15	30	-	3
OCEA0062-4	<i>Ecotoxicology and Biodegradation of Marine Pollutants, Biodegradation of organic molecules in a sea environment</i> (english language) - Mathieu POULICEK	Q1	20	-	-	3
ZOOL0233-1	<i>Biology of benthos and necton animals : vertebrates</i> - Eric PARMENTIER	Q1	15	10	-	3
OCEA0060-2	<i>Advanced Marine Zoology, Biology of benthos and necton animals : invertebrates</i> (english language) - Patrick DAUBY, Mathieu POULICEK - [2d FW]	Q1	15	15	[+]	3
BOTA0402-1	<i>Marine plant biology</i> - Anne GOFFART - [3d FW]	Q2	15	15	[+]	4
OCEA0023-1	<i>Complement of ecological modeling</i> - Marilaure GRÉGOIRE	Q2	15	30	-	3
ZOOL0220-1	<i>Planctonology</i> - Anne GOFFART	Q2	15	30	-	3
OCEA0025-1	<i>Dynamics of nutrients in marine environment, part I : chemical and biochemical aspects</i> - François FRIPIAT - [10h FW]	Q2	7,5	7,5	[+]	3
OCEA0025-2	<i>Dynamics of nutrients in marine environment, part II : ecological processes</i> - Anne GOFFART - [10h FW]	Q2	7,5	7,5	[+]	3
OCEA0219-1	<i>Biogeochemical Cycles in the Ocean</i> (english language) - Bruno DELILLE, Anne MOUCHET - [2d FW]	Q1	20	-	[+]	3
OCEA0220-1	<i>Biogeochemical Cycles in the Polar Ocean and Sea Ice</i> (english language) - Bruno DELILLE, Anne MOUCHET	Q1	20	-	-	3
OCEA0043-2	<i>Ecoethology of the marine animals</i> - Christian MICHEL	Q1	30	-	-	3
OCEA0062-5	<i>Ecotoxicology and Biodegradation of Marine Pollutants, Marine ecotoxicology</i> (english language) - Krishna DAS	Q1	15	15	-	4
OCEA0027-1	<i>Applications of stable isotopes in marine sciences</i> - Gilles LEPOINT	Q1	15	15	-	4
OCEA0028-1	<i>Impact study in a sea environment : theory and practice</i> - Pierre LEJEUNE	Q1	20	-	-	3
OCEA0080-2	<i>Biochemistry, Physiology and Aquariology, Physiology and biochemistry of the marine animals</i> (english language) - Philippe COMPÈRE	Q1	15	15	-	3
OCEA0030-1	<i>Sea Climatology and meteorology</i> - Michel ERPICUM	Q2	30	-	-	3
ESHY0070-1	<i>Dynamics of lower atmospherical layers and air-sea interactions</i> - Louis FRANÇOIS	Q1	30	15	-	4
OCEA0071-1	<i>Geophysical fluid dynamics - part 1</i> (english language) - JeanMarie BECKERS	Q2	30	15	-	5
OCEA0081-1	<i>Numerical Methods in Geophysics - Part 2</i> - JeanMarie BECKERS	Q1	15	30	-	5
GEOL0256-1	<i>Geochemistry of sediments and interstitial water</i> - Nathalie FAGEL	Q1	15	15	-	3
GEOL0225-3	<i>Analytical Geochemistry</i> - Nathalie FAGEL	Q1	10	10	-	3
GEOL0006-2	<i>Rocks and sedimentary processes</i> - Frédéric BOULVAIN - [3d FW]	Q1	20	-	[+]	3
OCEA0063-1	<i>Biology of Marine Mammals</i> (english language) - Part I : Ecology and Ecotoxicology - Krishna DAS - Part II : pathology and necropsies - Thierry JAUNIAUX	Q1	15	-	-	4
OCEA0033-1	<i>Global changes and sea environment</i> - Anne MOUCHET	Q2	15	15	-	3
OCEA0056-2	<i>Marine Plant Biology and Ecology, Marine phanerogames ecology</i> (english language) - Sylvie GOBERT	Q1	15	10	-	3

Study programmes 2015-2016

Faculty of Sciences

Master in oceanography (120 ECTS)

OCEA0056-3	<i>Marine Plant Biology and Ecology, Techniques of sampling in marine ecology</i> (english language) - Sylvie GOBERT	Q1	15	10	-	3
OCEA0035-1	<i>Data acquisition and analysis, complements</i> - Aïda ALVERA AZCARATE	Q1	15	10	-	3
OCEA0144-1	<i>Ecology of the coral reefs</i> (english language) - Mathieu POULICEK	Q1	30	-	-	3
OCEA0059-3	<i>Remote Sensing of the Oceans, Advanced satellite oceanography</i> (english language) - Yves CORNET	Q1	15	15	-	3
OCEA0221-1	<i>Introduction to marine micropaleontology</i> - Emmanuelle JAVAUX	Q1	20	-	-	3
[...]	Exceptionally, and with the agreement of the jury, one or several courses can be chosen in another program (for instance, in relation with the student's final dissertation,...)					

Option Modelling Marine Environments

OCEA0023-1	<i>Complement of ecological modeling</i> - Marilaure GRÉGOIRE	Q2	15	30	-	3
OCEA0036-1	<i>Structures and applications of marine hydrodynamic models</i> - Alexander BARTH	Q1	15	15	-	3
OCEA0219-1	<i>Biogeochemical Cycles in the Ocean</i> (english language) - Bruno DELILLE, Anne MOUCHET - [2d FW]	Q1	20	-	[+]	3
OCEA0073-1	<i>Numerical methods in geophysics, Part 1</i> - JeanMarie BECKERS	Q2	15	30	-	3

Choose courses, with the approval of the Jury, totalling 18 credits among :

SSTG0032-1	<i>Practical professional internship in oceanography</i> - COLLÉGIALITÉ, Gilles LEPOINT - [1w Internship]	TA	-	-	[+]	5
OCEA0020-1	<i>Current issues in oceanography</i> - Aïda ALVERA AZCARATE	Q2	15	15	-	4
OCEA0071-1	<i>Geophysical fluid dynamics - part 1</i> (english language) - JeanMarie BECKERS	Q2	30	15	-	5
OCEA0072-1	<i>Geophysical fluid dynamics - part 2</i> (english language) - JeanMarie BECKERS	Q1	30	15	-	5
ESHY0070-1	<i>Dynamics of lower atmospherical layers and air-sea interactions</i> - Louis FRANÇOIS	Q1	30	15	-	4
OCEA0030-1	<i>Sea Climatology and meteorology</i> - Michel ERPICUM	Q2	30	-	-	3
OCEA0220-1	<i>Biogeochemical Cycles in the Polar Ocean and Sea Ice</i> (english language) - Bruno DELILLE, Anne MOUCHET	Q1	20	-	-	3
ZOOL0220-1	<i>Planctonology</i> - Anne GOFFART	Q2	15	30	-	3
OCEA0062-5	<i>Ecotoxicology and Biodegradation of Marine Pollutants, Marine ecotoxicology</i> (english language) - Krishna DAS	Q1	15	15	-	4
OCEA0028-1	<i>Impact study in a sea environment : theory and practice</i> - Pierre LEJEUNE	Q1	20	-	-	3
OCEA0035-1	<i>Data acquisition and analysis, complements</i> - Aïda ALVERA AZCARATE	Q1	15	10	-	3
OCEA0033-1	<i>Global changes and sea environment</i> - Anne MOUCHET	Q2	15	15	-	3
OCEA0081-1	<i>Numerical Methods in Geophysics - Part 2</i> - JeanMarie BECKERS	Q1	15	30	-	5
OCEA0059-3	<i>Remote Sensing of the Oceans, Advanced satellite oceanography</i> (english language) - Yves CORNET	Q1	15	15	-	3

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Programme transitoire à destination des étudiants ayant réussi leur master 1 de

"Master en océanographie, à finalité approfondie" en 2014-2015

Bloc 1 du programme de l'année

Optional courses

Follow-up to the focus chosen in first year

Research Focus

Choose, in accordance with the Jury, 1 option among :

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OCEA0064-4	<i>Functional and Molecular Marine Microbiology, Molecular approaches to the diversity of marine microorganisms</i> (english language) - Annick WILMOTTE	Q1	15	15	-	3
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Study programmes 2015-2016

Faculty of Sciences

Master in oceanography (120 ECTS)

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Study programmes 2015-2016
Faculty of Sciences
Master in oceanography (120 ECTS)

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SMEM0003-1	<i>Final thesis</i> - COLLÉGIALITÉ	TA	-	-	-	25