

Programme jointly offered by Ghent University, Università Politecnica delle Marche, University of Bergen, University of Algarve, University of Oviedo, University of Gothenburg, University of the Basque Country, University Côte d'Azur, Université de Bretagne Occidentale / Université de Brest, Atlantic Technological University

International Master of Science in Marine Biological Resources

Language of instruction: English

Programme version 3

1 General Courses 54 credits

Subscribe to 1 package from the following list.

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C003906 Professional Practice <i>Luana Da Costa Monteiro -- Department of Biology</i>	12		1	A:2	300
2	C003907 Joint School <i>Luana Da Costa Monteiro -- Department of Biology</i>	6		2	A:1	150
3	C003934 Research Design, Data Management and Data Communication in Marine Sciences <i>Luana Da Costa Monteiro -- Department of Biology</i>	6		2	A:1	150

1.1 Fundamentals Package (UGent) 30 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C003870 Marine Policy and Governance <i>Klaas Willaert -- Department of European, Public and International Law</i>	3		1	A:1	75
2	C003871 Marine Genomics <i>Olivier De Clerck -- Department of Biology</i>	3		1	A:1	75
3	C003872 Quantitative Methods in Marine Science <i>Ulrike Braeckman -- Department of Biology</i>	6		1	A:1	150
4	C003873 Oceanography <i>Griet Neukermans -- Department of Biology</i>	6		1	A:1	150
5	C003874 Marine Ecology <i>Ulrike Braeckman -- Department of Biology</i>	6		1	A:1	150
6	C003875 Marine GIS and Spatial Planning <i>Luana Da Costa Monteiro -- Department of Biology</i>	3		1	A:1	75

1.1.1 Transferable Skills

Subscribe to 3 credit units from the following list.

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004034 Graphics Design and Digital Imaging <i>Francesca Pasotti -- Department of Biology</i>	3		1	A:1	75
2	A002615 Practical English 3 - B1 <i>Sara Scheir -- Department of Linguistics</i>	3		1		75
3	A002616 Practical English 4 - B1+ <i>Sara Scheir -- Department of Linguistics</i>	3		1		75
4	A002658 Practical English 5 - B2 <i>Sara Scheir -- Department of Linguistics</i>	3		1		75

1.2 Fundamentals Package (UniOvi)

30 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004021 Marine Policy and Governance <i>Alberto Fonseca -- University of Oviedo</i>	3		1	A:1	75
2	C004022 Marine Genomics <i>Eva Garcia Vazquez -- University of Oviedo</i>	3		1	A:1	75
3	C004023 Quantitative Methods in Marine Science <i>Trinidad Pérez Méndez -- University of Oviedo</i>	6		1	A:1	150
4	C004024 Oceanography <i>José Luís Acuña -- University of Oviedo</i>	6		1	A:1	150
5	C004025 Marine Ecology <i>José Luís Acuña -- University of Oviedo</i>	6		1	A:1	150
6	C004026 Marine GIS and Spatial Planning <i>Mario Quevedo -- University of Oviedo</i>	3		1	A:1	75

1.2.1 Transferable Skills

[Subscribe to 3 credit units from the following list.](#)

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004038 Spanish Language Course <i>Pablo Martínez -- University of Oviedo</i>	3		1	A:1	75
2	C004275 Voluntary Work in the Solidarity Space <i>Yaisel Juan Borrell Pichs -- University of Oviedo</i>	3		1	A:1	75

1.3 Fundamentals Package (UAlg)

30 credits

[Subscribe to 1 option from the following list.](#)

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004015 Marine Policy and Governance <i>Guiseppe Cataldi -- University of Algarve</i>	3		1	A:1	75
2	C004016 Marine Genomics <i>Deborah Power -- University of Algarve</i>	3		1	A:1	75
3	C004017 Quantitative Methods in Marine Science <i>Eduardo Esteves -- University of Algarve</i>	6		1	A:1	150
4	C004018 Oceanography <i>Paulo Relvas -- University of Algarve</i>	6		1	A:1	150
5	C004019 Marine Ecology <i>David Abecasis -- University of Algarve</i>	6		1	A:1	150
6	C004020 Marine GIS and Spatial Planning <i>Maria Conceição Neves -- University of Algarve</i>	3		1	A:1	75

1.3.1 Transferable Skills

[Subscribe to 3 credit units from the following list.](#)

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004037 Portuguese Language Teaching B <i>Fatima Noronha -- University of Algarve</i>	3		1	A:1	75
2	C004276 Advanced SCUBA Skills for Scientific Diving <i>Rui Santos -- University of Algarve</i>	3		1	A:1	84
3	C004277 SCUBA Diver Level 1 <i>Rui Santos -- University of Algarve</i>	3		1	A:1	84
4	C004278 Scientific Diving in Marine Ecology <i>Rui Santos -- University of Algarve</i>	3		1	A:1	84
5	C004279 Field Methods B <i>João Varela -- University of Algarve</i>	3		1	A:1	84
6	C004280 Laboratory Methods B <i>João Varela -- University of Algarve</i>	3		1	A:1	84

1.3.2 Elective Course List

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004500 Coastal and Marine Ornithology <i>José Alves -- University of Algarve</i>	3		1		75

1.4 Fundamentals Package (UBO)

30 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004027 Marine Policy and Governance <i>Denis Bailly -- Université de Bretagne Occidentale / Université de Brest</i>	3		1	A:1	75
2	C004028 Marine Genomics <i>Caroline Fabioux -- Université de Bretagne Occidentale / Université de Brest</i>	3		1	A:1	75
3	C004348 Quantitative Methods in Marine Science <i>Olivier Gauthier -- Université de Bretagne Occidentale / Université de Brest</i>	6		1	A:1	150
4	C004030 Oceanography <i>Matthieu Waeles -- Université de Bretagne Occidentale / Université de Brest</i>	6		1	A:1	150
5	C004031 Marine Ecology <i>Fred Jean -- Université de Bretagne Occidentale / Université de Brest</i>	6		1	A:1	150
6	C004032 Marine GIS and Spatial Planning <i>Teriitutea Quesnot -- Université de Bretagne Occidentale / Université de Brest</i>	3		1	A:1	75

1.4.1 Transferable Skills

[Subscribe to 1 option from the following list.](#)

1.4.1.1 Elective Course List

[Subscribe to 3 credit units from the following list.](#)

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004357 French for Foreign Students <i>Isabelle Lagattu -- Université de Bretagne Occidentale / Université de Brest</i>	3		1	A:1	75
2	C004501 Science Communication <i>Jill Sutton -- Université de Bretagne Occidentale / Université de Brest</i>	3		1	A:1	75

1.4.1.2 Elective Courses UBO

[Subscribe to 3 credit units from the study programmes of UBO.](#)

1.5 Fundamentals Package (Univpm)

30 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004281 Marine Policy and Governance <i>Fabio Vallarola -- Università Politecnica delle Marche</i>	3		1	A:1	75
2	C004282 Marine Genomics <i>Emiliano Trucchi -- Università Politecnica delle Marche</i>	3		1	A:1	75
3	C004283 Quantitative Methods in Marine Science <i>Francesco Memmola -- Università Politecnica delle Marche</i>	6		1	A:1	150
4	C004284 Marine Ecology <i>Emanuela Fanelli -- Università Politecnica delle Marche</i>	6		1	A:1	150
5	C004285 Marine GIS and Spatial Planning <i>Elena Gissi -- Università Politecnica delle Marche</i>	3		1	A:1	75
6	C004286 Oceanography <i>Pierpaolo Falco -- Università Politecnica delle Marche</i>	6		1	A:1	150

1.5.1 Transferable Skills

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004287 Science Dissemination and Communication <i>Serena Lucrezi -- Università Politecnica delle Marche</i>	3		1	A:1	75

1.6 Fundamentals Package (GMIT)

30 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004352 Marine Policy and Governance <i>Sinead Murphy -- Galway-Mayo Institute of Technology</i>	3		1	A:1	75
2	C004353 Marine Genomics <i>Luca Mirimin -- Galway-Mayo Institute of Technology</i>	3		1	A:1	75
3	C004347 Quantitative Methods in Marine Science <i>Jose Maria Farinas Franco -- Galway-Mayo Institute of Technology</i>	6		1	A:1	150
4	C004354 Oceanography <i>Ian O'Connor -- Galway-Mayo Institute of Technology</i>	6		1	A:1	150
5	C004355 Marine Ecology <i>Rosin Nash -- Galway-Mayo Institute of Technology</i>	6		1	A:1	150

6	C004356	Marine GIS and Spatial Planning	3	1	A:1	75
<i>Jose Maria Farinas Franco -- Galway-Mayo Institute of Technology</i>						

1.6.1 Transferable Skills

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004288	Stakeholder Management	3	1	A:1	75
<i>Heidi Acampora -- Galway-Mayo Institute of Technology</i>						

2 Minors 18 credits

Subscribe to 1 minor from the following list.

2.1 Minor Fisheries (UAlg) 18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004242	Conservation and Management	6	1	A:2	168
<i>Margarida Castro -- University of Algarve</i>						
2	C004243	Fisheries Economics	3	1	A:2	84
<i>Renato Nunes Rosa -- University of Algarve</i>						
3	C004244	Fisheries Technology and Stock Assessment	6	1	A:2	168
<i>External Lecturer -- University of Algarve</i>						
4	C004245	Socioeconomic Dimension of Fisheries	3	1	A:2	84
<i>Cristina Pita -- University of Algarve</i>						

2.2 Minor Marine Resource Valorization (UCA) 18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004289	Natural Resources Valorization	6	1	A:2	150
<i>Mohamed Mehiri -- University Côte d'Azur</i>						
2	C004290	Depict Marine Biodiversity	6	1	A:2	150
<i>Paola Furla -- University Côte d'Azur</i>						
3	C004291	Entrepreneurship and Innovation in the Blue Economy	6	1	A:2	150
<i>Christophe Imbert -- University Côte d'Azur</i>						

2.3 Minor Global Change and Functional Biodiversity (SU) 18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004344	Concepts and Practices in Biological Oceanography and Marine Ecology - Part 1	6	1	A:2	150
<i>Laurence Méjanelle</i>						
2	C004345	Concepts and Practices in Biological Oceanography and Marine Ecology - Part 2	6	1	A:2	150
<i>Jadwiga Orignac -- University Pierre et Marie Curie (UPMC)</i>						
3	C004292	Concepts and Practices in Biological Oceanography and Marine Ecology - Part 3	6	1	A:2	150
<i>François Lantoine -- University Pierre et Marie Curie (UPMC)</i>						

2.4 Minor Fisheries and Fisheries management (UiB) 18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004293	Ecosystem- and Fisheries Assessment Models	10	1		250
<i>Mikko Heino -- University of Bergen</i>						
2	C004294	Stock Monitoring and Responsible Harvest	8	1		200
<i>Johnsen Espen -- University of Bergen</i>						

2.5 Minor Marine Living Resources (UniOvi) 18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C003885	Molecular Techniques applied to Resource Evaluation and Management	6	1	A:2	150
<i>Gonzalo Machado Schiaffino -- University of Oviedo</i>						
2	C003886	Modelling and Management of Wild Populations	6	1	A:2	150
<i>Julio Arrontes -- University of Oviedo</i>						
3	C003887	Management of Marine Living Resources in Practice	6	1	A:2	150
<i>Jose Rico -- University of Oviedo</i>						

2.6 Minor Marine Spatial Planning (UniOvi) 18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
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1	C004237	Integrated Coastal Zone Management <i>Jose Rico -- University of Oviedo</i>	3	1	A:2	75
2	C004238	Landscape Genetics in Marine Settings <i>Trinidad Pérez Méndez -- University of Oviedo</i>	3	1	A:2	75
3	C004239	Marine Protected Areas <i>José Luís Acuña -- University of Oviedo</i>	3	1	A:2	75
4	C004240	Spatial Distribution of Genetic Biodiversity <i>Gonzalo Machado Schiaffino -- University of Oviedo</i>	3	1	A:2	75
5	C004241	Spatial Planning in Practice <i>Eva Garcia Vazquez -- University of Oviedo</i>	6	1	A:2	150

2.7 Minor Marine Animal Health (UPV/EHU)

18 credits

[Subscribe to 20 credit units from the following list.](#)

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004346	Cellular and Molecular Biomarkers <i>Miren Cajaraville -- University of the Basque Country</i>	4	1	A:2	100
2	C004295	Comparative Endocrinology and Endocrine Disruption <i>Maren Ortiz-Zarragoitia -- University of the Basque Country</i>	4	1	A:2	100
3	C004230	Environment and Fisheries/Aquaculture Interactions <i>Iciar Martínez -- University of the Basque Country</i>	4	1	A:2	100
4	C004231	Environmental Toxicogenomics <i>Ibon Cancio -- University of the Basque Country</i>	4	1	A:2	100
5	C003881	Histology and Histopathology of Aquatic Animals <i>Manu Soto -- University of the Basque Country</i>	4	1	A:2	100
6	C004232	Marine Resources Genomics <i>Andone Estonba -- University of the Basque Country</i>	4	1	A:2	100
7	C004233	Physiological Energetics of Marine Organisms <i>Enrique Navarro -- University of the Basque Country</i>	4	1	A:2	100

2.8 Minor Experimental Marine Ecology (UGent)

18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C003893	Species Interactions and Marine Food Webs - Experiments in Marine Food Web Ecology <i>Marleen De Troch -- Department of Biology</i>	6	1	A:2	150
2	C003891	Responses in a Changing Marine Environment - Experiments in Marine Global Change Ecology <i>Carl Van Colen -- Department of Biology</i>	6	1	A:2	150
3	C003892	Methods in Experimental Marine Ecology <i>Marleen De Troch -- Department of Biology</i>	6	1	A:2	150

2.9 Minor Marine Conservation (Univpm)

18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004349	Field Practices, Sampling Design and Census of Marine Communities <i>Cristina Gioia Di Camillo -- Università Politecnica delle Marche</i>	6	1	A:2	150
2	C003894	Marine Conservation Biology <i>Silvia Bianchelli -- Università Politecnica delle Marche</i>	6	1	A:2	150
3	C004301	Marine Protected Areas, Design and Management <i>Carlo Cerrano -- Università Politecnica delle Marche</i>	6	1	A:2	150

2.10 Minor Applied Marine Ecology (Univpm)

18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004350	Field Practices in Marine Monitoring <i>Marco Lo Martire -- Università Politecnica delle Marche</i>	6	1	A:2	150
2	C003897	Applied Marine Ecology <i>Cinzia Corinaldesi -- Università Politecnica delle Marche</i>	6	1	A:2	150
3	C004351	Marine Ecotoxicology <i>Francesco Regoli -- Università Politecnica delle Marche</i>	6	1	A:2	150

3 Majors

18 credits

[Subscribe to 1 major from the following list.](#)

3.1 Major Analysis and Forecast in Marine Systems

18 credits

Subscribe to 1 Option from the following list.

3.1.1 Marine Ecosystem Functioning and Changes: from Fundamentals to Experiments and Monitoring (SU)

18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004297 Coastal Ecosystem Ecology and Functioning <i>A. Pruski -- University Pierre et Marie Curie (UPMC)</i>	6		2	A:1	150
2	C004298 Characterizing Dynamics and Trends in Coastal Environments <i>Nadine Le Bris -- University Pierre et Marie Curie (UPMC)</i>	6		2	A:1	150
3	C004300 Ecology of Coastal Communities <i>François Lantoine -- University Pierre et Marie Curie (UPMC)</i>	6		2	A:1	150

3.1.2 Quantitative Marine Ecology (UBO)

18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004302 Physic-Biology Interactions <i>Pascal Rivière -- Université de Bretagne Occidentale / Université de Brest</i>	4		2	A:1	100
2	C004303 Applied Hierarchical Modeling for Effective Monitoring and Conservation of Marine Megafauna: Sampling Design, Model Development and Inference <i>Emmanuelle Cam -- Université de Bretagne Occidentale / Université de Brest</i>	4		2	A:1	100
3	C004304 Modelling for Quantitative Management of Marine Resources and Ecosystems <i>Jean-Marc Guarini -- University Pierre et Marie Curie (UPMC)</i>	6		2	A:1	150
4	C004305 Numerical Ecology: Multivariate Methods for Marine Community Ecology <i>Olivier Gauthier -- Université de Bretagne Occidentale / Université de Brest</i>	4		2	A:1	100

3.1.3 Measuring, Analysing and Modelling Marine Ecosystems (SU)

18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004306 Marine Ecosystem Modelling <i>Fabien Lombard</i>	6		2	A:1	150
2	C004307 Methods for the Exploitation of Data in Oceanography <i>Laure Mousseau -- University Pierre et Marie Curie (UPMC)</i>	6		2	A:1	150
3	C004308 Instrumentation and Acquisition of Data in Oceanography <i>Jean-Olivier Irisson -- University Pierre et Marie Curie (UPMC)</i>	6		2	A:1	150

3.2 Major Applied Marine Ecology and Conservation

18 credits

Subscribe to 1 option from the following list.

3.2.1 Impact Assessment and Mitigation (SU)

18 credits

Subscribe to 18 credit units from the following list.

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004309 Management and Conservation of Marine Ecosystems <i>A. Andersen -- University Pierre et Marie Curie (UPMC)</i>	6		2	A:1	150
2	C004310 Dynamics of Marine Biodiversity and Conservation <i>Eric Thiebaut -- University Pierre et Marie Curie (UPMC)</i>	6		2	A:1	150
3	C004311 Human-induced Impacts on Coastal Ecosystems	6		2	A:1	150
4	C004299 Major Challenges in Polar Oceans: from Biogeochemistry to Ecosystems <i>Damien Cardinal</i>	6		2	A:1	150

3.2.2 Applied Megafauna Conservation (GMIT)

18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004312 Species Distribution Modelling as a Marine Conservation Tool <i>Ian O'Connor -- Galway-Mayo Institute of Technology</i>	5		2	A:1	125
2	C003924 Acoustic Monitoring as a Marine Conservation Tool <i>Jill O'Brien -- Galway-Mayo Institute of Technology</i>	5		2	A:1	125
3	C004313 Seabird and Marine Mammal Population Assessment Techniques <i>Simon Berrow -- Galway-Mayo Institute of Technology</i>	3		2	A:1	75
4	C004314 Animal Behaviour: Recording and Analysis <i>Martin Gammell -- Galway-Mayo Institute of Technology</i>	5		2	A:1	125

3.2.3 Marine Habitat Restoration (Univpm)

18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004388 Marine Ecosystem Restoration: an Introduction <i>Roberto Danovaro -- Università Politecnica delle Marche</i>	6		2	A:1	150
2	C004389 Restoration of Seagrasses and Algal Forests: Field Work and Practice <i>Fabio Rindi -- Università Politecnica delle Marche</i>	6		2	A:1	150
3	C004390 Restoration of Hard Bottoms and Tropical Reefs: Field Work and Practice <i>Carlo Cerrano -- Università Politecnica delle Marche</i>	6		2	A:1	150

3.3 Major Blue Biotechnology and Bioeconomy

Subscribe to 1 option from the following list.

3.3.1 Biotechnology - Sustainable Exploitation of Marine Resources (UAlg)

18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004248 Applied Immunology <i>Deborah Power -- University of Algarve</i>	3		2	A:1	84
2	C004249 Genomics, Transcriptomics and Proteomics <i>Eduardo Melo -- University of Algarve</i>	3		2	A:1	84
3	C004250 Labs in Biotechnology <i>Deborah Power -- University of Algarve</i>	6		2	A:1	168
4	C004251 Sustainable Bioprospecting of Natural Products <i>Anabela Romano -- University of Algarve</i>	6		2	A:1	168

3.3.2 Blue Growth: Unveiling New Potentials of Marine Bioresources (UCA)

18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004320 The Blue Growth <i>Christophe Mocquet -- University Côte d'Azur</i>	6		2	A:1	150
2	C004321 Intellectual Property for Blue Innovation <i>Christophe Imbert -- University Côte d'Azur</i>	6		2	A:1	150
3	C004322 Analytical Chemistry for Identification of Bioactive Marine Molecules <i>Mohamed Mehiri -- University Côte d'Azur</i>	6		2	A:1	150

3.3.3 Marine Biotechnology (UBO)

18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004459 Innovation and Entrepreneurship in Biotechnology: from Science to Business	6		2		150
2	C004325 Green Biotechnology and Intelligent Mariculture <i>Claire Hellio -- Université de Bretagne Occidentale / Université de Brest</i>	3		2		75
3	C004326 Biotechnological Potential of Marine Microorganisms <i>Gwenaëlle Le Blay -- Université de Bretagne Occidentale / Université de Brest</i>	3		2		75
4	C004327 Marine Biotechnology applied to Cosmetics and Healthcare Products Development <i>Cladiere Meslet -- Université de Bretagne Occidentale / Université de Brest</i>	3		2		75
5	C004460 Bioreactor and Microalgae	3		2		75

3.3.4 Blue Economy and Sustainable Use of Marine Resources (UGOT)

18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004329 Practical Applications of Blue Economy and Sustainable Use of Marine Resources <i>Erik Lundberg -- University of Gothenburg</i>	3		2	A:1	75
2	C004330 Blue Economy and Sustainable Use of Marine Resources <i>Erik Lundberg -- University of Gothenburg</i>	15		2	A:1	375

3.4 Major Fisheries and Aquaculture

Subscribe to 1 option from the following list.

3.4.1 Health Management in Aquatic Animals (UGent)

18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	I002797 Fish and Shellfish Immunology <i>Daisy Vanrompay -- Department of Animal Sciences and Aquatic Ecology</i>	4		2	A:1	120

2	I002796	Diseases in Aquaculture <i>Annelies Declercq -- Department of Animal Sciences and Aquatic Ecology</i>	6	2	A:1	180
3	I002086	Aquatic Microbial Community Management <i>Tom Defoirdt -- Department of Biotechnology</i>	3	2	A:1	75
4	C004331	Marine Mammal Health <i>Pieter Cornillie -- Department of Morphology, Imaging, Orthopedics, Rehabilitation and Nutrition</i>	5	2	A:1	125

3.4.2 Ecosystem Based Fisheries Management (GMIT) 18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004332	Ecology of Top Predators in Marine Systems <i>Ian O'Connor -- Galway-Mayo Institute of Technology</i>	5	2	A:1	125
2	C004333	Secondary Impacts of Harvest on Wild Populations and Ecosystems <i>Cóilín Minto -- Galway-Mayo Institute of Technology</i>	5	2	A:1	125
3	C004334	Statistical Analysis in Population Ecology <i>Cóilín Minto -- Galway-Mayo Institute of Technology</i>	5	2	A:1	125
4	C004335	Life History Strategies and Trade-offs <i>Cóilín Minto -- Galway-Mayo Institute of Technology</i>	3	2	A:1	75

3.4.3 Remote Sensing in Aquaculture and Fisheries (UCA) 18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004336	Environmental Quality & Impact Assessment <i>Florian Bréhin -- University Côte d'Azur</i>	6	2	A:1	150
2	C004337	Fisheries Biology, Management & Conservation <i>Christophe Mocquet -- University Côte d'Azur</i>	6	2	A:1	150
3	C004338	Remote Sensing for Marine Research and Innovation <i>Christophe Mocquet -- University Côte d'Azur</i>	6	2	A:1	150

3.4.4 Food Production (UiB) 18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C003913	Fish Nutrition <i>Rune Waagbo -- University of Bergen</i>	8	2		200
2	C003912	Aquatic Food Production <i>Erik Jan Lock -- University of Bergen</i>	10	2		250

3.5 Major Ocean Literacy and Education

Subscribe to 1 option from the following list.

3.5.1 Sea and Society (UGOT) 18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004339	The Sea and Society Relationship; Historical Perspectives, Present Status and Future Challenges <i>Per Moksnes -- University of Gothenburg</i>	15	2	A:1	375
2	C004340	Practical Applications of Relating Sea and Society <i>Per Moksnes -- University of Gothenburg</i>	3	2	A:1	75

3.5.2 Ocean Literacy (UniOvi) 18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004246	Current Topics in Marine Literacy <i>Eva Garcia Vazquez -- University of Oviedo</i>	9	2		225
2	C004247	Practicum in Ocean Literacy <i>Yaisel Juan Borrell Pichs -- University of Oviedo</i>	9	2		225

3.5.3 Marine Education and Literacy (SU) 18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004341	Ocean Literacy Principles <i>Lars Stemmann -- University Pierre et Marie Curie (UPMC)</i>	6	2		150
2	C004342	Training and Education in Marine Sciences <i>Luana Da Costa Monteiro -- Department of Biology</i>	6	2		150
3	C004343	Applied Marine Communication and Outreach <i>Lars Stemmann -- University Pierre et Marie Curie (UPMC)</i>	6	2		150

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C003935 Master's Dissertation <i>Luana Da Costa Monteiro -- Department of Biology</i>	30		2	A:2	750

Teaching

When a course is not taught (solely) in the programme's language of instruction, the effectively used languages are indicated in square brackets following the course name, using the following ISO codes:

bg: Bulgarian	de: German	es: Spanish	ja: Japanese	pl: Polish	sh: Croatian/Serbian	zh: Chinese
cs: Czech	el: Greek	fr: French	nl: Dutch	pt: Portuguese	sl: Slovene	
da: Danish	en: English	it: Italian	no: Norwegian	ru: Russian	sv: Swedish	

Semester

Semesters are indicated by their number (1 or 2); semester 3 represents the summer period and J indicates a course spanning semesters 1 and 2. When a capital letter precedes a semester number, the course has multiple offerings. The letter indicates the offering concerned.

When a semester is shown in brackets, the course is not offered this year in the specific offering.

The offering frequency and first year of offering are indicated by the following codes:

a: bi-annually	c: annually, from 2027-2028	f: annually, from 2028-2029	i: annually, from 2029-2030
b: tri-annually	d: bi-annually, from 2027-2028	g: bi-annually, from 2028-2029	j: bi-annually, from 2029-2030
	e: tri-annually, from 2027-2028	h: tri-annually, from 2028-2029	k: tri-annually, from 2029-2030