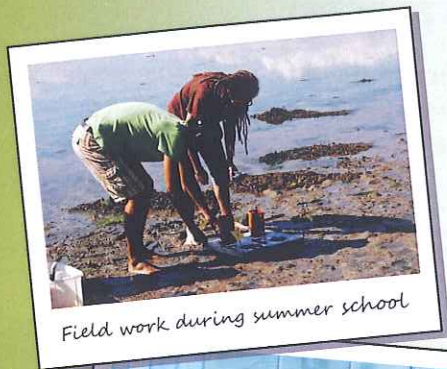


"Awareness of the prime importance of our oceans and seas is growing, as is the need to preserve them and exploit them sustainably."

EU-Green Paper, COM (2009)



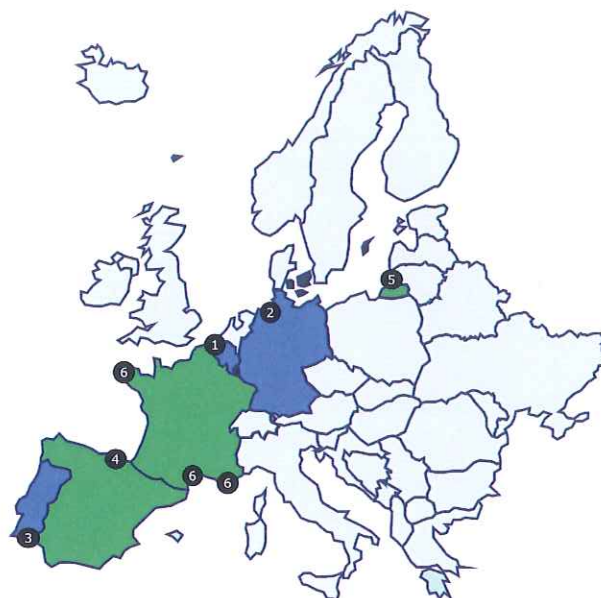
Field work during summer school



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Master of Science in Marine Biodiversity and Conservation

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EMBC secretariat



Dr. T. Deprez,
Krijgslaan 281 / S8
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Belgium

- International Joint Master (in English)
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Ghent University (BE)

60 ECTS

- Oceanography
- Biogeochemical Cycles
- Evolution and Biogeography of Aquatic Organisms
- Biodiversity of Aquatic Food webs
- Biodiversity of Marine Micro-organisms
- Margin Systems and Extreme Environments
- Ecology of Coastal Seas
- Fisheries
- Aquaculture
- Practical Taxonomy: Principles & Techniques
- Data and Information Management
- Biostatistics: Experimental Design & Multivariate Analysis
- Environmental Impact Assessment
- Internship
- Preparation of Research Proposal
- Language courses: Dutch, English, French, Spanish



Bremen University (DE)

60 ECTS

- Physical Oceanography
- Marine Biogeochemistry
- Marine Geosciences
- Marine Algae and Associated Animals
- Ecophysiology of Marine Animals
- Ecophysiology of Marine Algae
- Marine Microbiology
- Benthos and Fish Ecology
- Fisheries Biology and Aquaculture
- GIS applied to Coastal Management
- Plankton Ecology
- International Marine Environmental Protection
- Marine Ecotoxicology
- Modelling in Conservation Biology
- Preparation of Research Proposal
- Scientific Communication
- Language teaching



Algarve University (PT)

60 ECTS

- Biogeochemical Processes and Global Change
- Aquatic Microbial Ecology
- Ecophysiology of Marine Plants
- Ecophysiology of Marine Animals
- Fish Chemical Ecology and Behaviour
- Ecology and Behaviour of Marine Mammals
- Marine Population Biology
- Bio-Informatics and Data Mining
- Habitat Seabed Mapping
- Techniques in Molecular and Cellular Biology
- Marine Protected Areas
- Stock Assessment
- Conservation and Management of Marine Resources
- Estuarine and Coastal Ecohydrology
- Language teaching
- Diving courses



Joint Summer School

6 ECTS

- 2009 : Poland (Hel)
- 2010 : Malta
- 2011 : Ireland (Galway)

Year 2



University Pierre & Marie Curie (FR)

30 ECTS

- Phytoplankton Evolution and Biogeochemistry
- Nutrient Dynamics and Pelagic Foodwebs
- Functioning of Tidal Littoral and Coastal Ecosystems
- Functioning of Coastal Mediterranean Ecosystems
- Response of Pelagic Ecosystems to Climate and Environmental changes
- Modelling of Marine Environments
- Geographic Information Systems and Remote Sensing
- Marine Environmental Genomics
- Modelling Applications and Marine Conservation
- Language courses



University of Klaipėda (LT)

30 ECTS

- Coastal Ecology
- Ecology of Marine Landscapes and Habitats
- Ecology of Fresh and Brackish Waters
- Environmental Impact Assessment
- Pollution Prevention of Marine Ecosystems
- Spatial Analysis of Coastal Lands
- Mathematical Models in Ecology
- Productivity of Marine Ecosystem
- Fishery Biology and Aquaculture
- Coastal Zone Management
- Preparation of Research Proposal
- Language courses



University of Oviedo (ES)

30 ECTS

- Population Biology Applied to Conservation
- Global Change
- Biodiversity of Marine Food Webs
- Impact Detection and Assessment
- Ecological Modelling
- Geographic Information Systems and Teledetection
- Bio-indicators as Tools to Assess Environmental Pollution
- Marine Protected Areas
- Biological Invasions
- Integrated Coastal Zone Management
- Language courses



Thesis work

30 ECTS

- In any of the EMBC universities
- In associated marine research institutes
- Guidelines on :

<http://embc.marbef.org/index.asp?p=370&a=370>

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