





Integration of the Sustainable Development Goals in Ocean Sciences

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Introduction











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Introduction







Development (ESD)

Tangible targets and measurable indicators

-Knowledge and key skills

-Methods and tools for integration of SDGs into research and teaching

Context

International Master of Science in Marine Biological Resources (IMBRSea)





Semester 1

Fundamental Modules
Transferable Skills Modules

Semester 2

9 Thematic Modules Professional Practice

Semester 3

Summer School 5 Specialisation Modules

Semester 4

Master Thesis Annual Symposium

Organised by eleven European universities

Ghent University - UGent (BE)
University of Sorbonne - SU (previously: UPMC) (FR)

University of Algarve - UAlg (PT)

University of Oviedo - UniOvi (ES)

Atlantic Technological University - ATU (IE)

University of the Basque Country - UPV/EHU (ES)

Polytechnic University of Marche - Univpm (IT)

University of Bergen - UiB (NO)

University of Western Brittany - UBO (FR)

University of Côte d'Azur - UCA (FR)

University of Gothenburg - UGOT (SE)

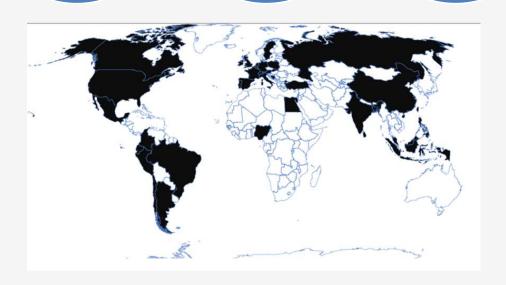
Target Audience

2018
120 students
45
Nationalities
43 % non-EU

2019
93 students
38
Nationalities
30 % non-EU

2020 86 students 24 Nationalities 25 % non-EU 2021 120 students 39 Nationalities 40 % non-EU

Around 90 partners Worldwide PP/Thesis



Challenges of Education

Equal access to the opportunities

Despite diverse
economic,
educational, ethnic
and social
backgrounds. High
class-heterogeneity in
terms of academic
background

Coverage of SDGs

SDGs in the context of societal needs and three SDG pillars (transdisciplinarity)

Educators

Design and organisation of teaching in order to include SD

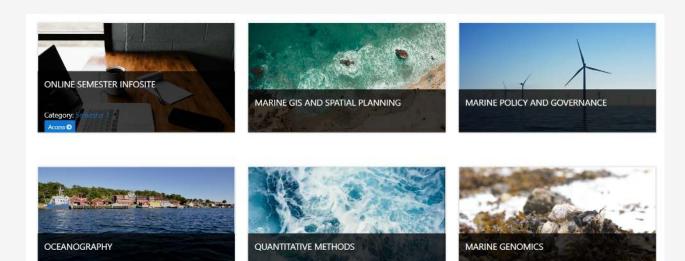
After graduation

Lack of skills in oral communication, project management, entrepreneurism, working with others, critical thinking

Ultimate Outputs

OceanTraining.eu Project

Toolbox for digital ocean education



Early January, 2023

First international conference on Blue Graduate training



Session on Sustainability in Ocean Education

SDG Mapping Tools



Sustainable Development Goals Toolkit

Map Your Module to the 17 Sustainable Development Goals (SDGs)





































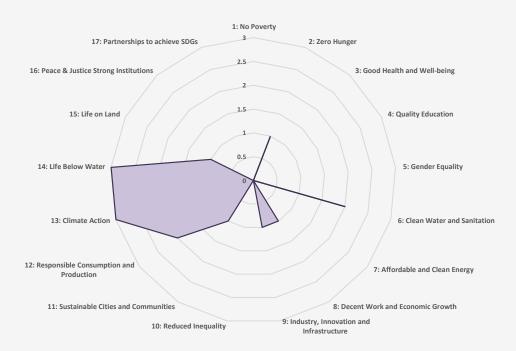
Use this self-evaluation tool to examine the extend to which you are teaching the SDGs your modules

Directions:

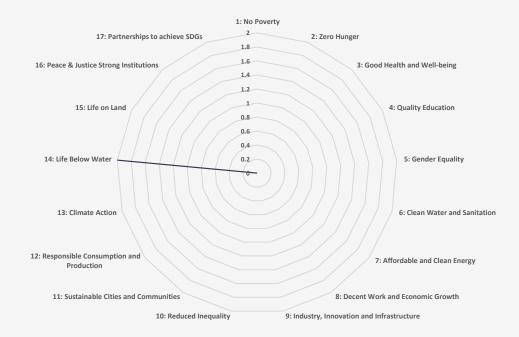
- A Look through the list of SDG in the table below and pick the SDG that most aligns with your module content. Click on any of the goals to launch a detailed description in your browser which includes specific SDG Targets.
- B Enter a score between 0 to 5 in the blue shaded area of the table below where:
 - 0 = no coverage
 - 1 = indirectly or unknowlingly including topics related to the SDG
 - 2 = provides insight into the SDG from the perspective of One's Own Discipline
 - 3 = uses inter- or transdisciplinary approach to address at least one SDG Target
 - 4 = assessment of SDG knowledge in relation to module and/or programme Learning Outcomes
 - 5 = uses Action Oriented Pedagogies related to SDGs and/or Community Outreach
- C If other SDGs receive a secondary attention in your module, then score as in step B
- D View your spiky radar graphs below. The first graph displays all 17 SDGs while the second displays your top score in the three SDG pillars.
- E Lastly, consider questions in the reflection box below the graph

Mapping Six Fundamental Modules

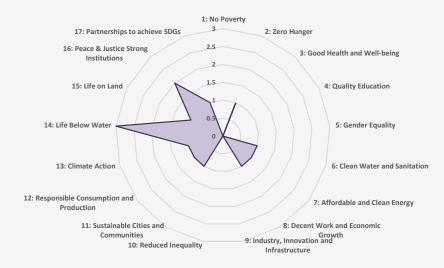
Marine Ecology



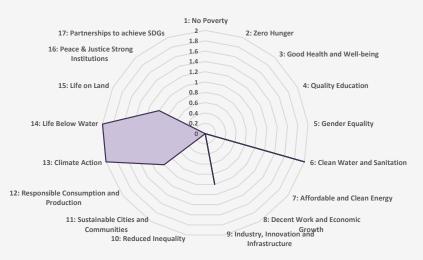
Quantitative Methods



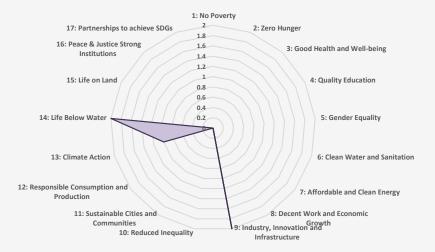
Marine Policy



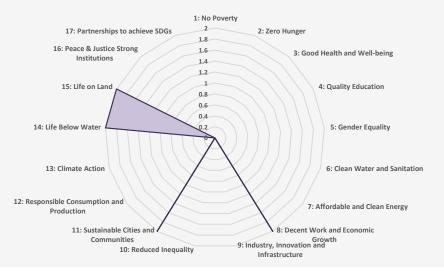
Oceanography



Marine Genomics



Marine GIS



Opportunities

Oriented pedagogies to fulfil learning outcomes/Coverage of SDGs across the programme

Professional practices, research projects, assessments, e/c.

Inclusive and
equitable quality
education and
promote lifelong
learning
opportunities for all

Opportunities for educators to increase their capacities to empower learners

Transdisciplinary studies and research, collaborations



Join us for:



International conference in Ghent, Belgium on January 9-11th, 2023









