

Emerging Issues in the Blue Economy (C004401)

Due to Covid 19, the education and assessment methods may vary from the information displayed in the schedules and course details. Any changes will be communicated on Ufora.

Course size *(nominal values; actual values may depend on programme)*

Credits 5.0 **Study time** 150 h **Contact hrs** 133.45h

Course offerings in academic year 2021-2022

A (semester 1) English Gent

Lecturers in academic year 2021-2022

Deprez, Tim	WE11	lecturer-in-charge
Bulteel, Lore	TW56	co-lecturer
Vega, Amaya	GALWAY02	co-lecturer

Offered in the following programmes in 2021-2022

Postgraduate Studies in Blue Resources for the Blue Economy	crdts 5	offering A
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Teaching languages

English

Keywords

Position of the course

Contents

The blue economy/industry is constantly looking for highly educated technical profiles. Students participating in the course get the opportunity to not only learn about the sector first-hand, they also get the chance to interact with the lectures.

The Blue growth summer school will bring together both professionals and students under the auspices of the Blue Growth domains.

The course can count on overall support and participation of private companies. Resulting in guest lectures on entrepreneurship, providing the learners an overview of the process of designing, launching and running offshore businesses by leading experts in the field. Taking into account the increasing level of human activity at sea, enhanced flood risk and climate sensitivity, the organisers of the course are convinced that multidisciplinary solutions shall be key to tackle these diverse challenges. As such, the course offers a unique opportunity for learners to get into contact with the various disciplines and communicate across disciplines. Following themes are covered in the course:

- Wind Energy
- Wave Energy
- Coastal Engineering
- Aquaculture
- Deep Sea
- Oceans and Human Health
- Blue Biotechnology
- Multi-use platforms
- Marine spatial planning
- Tidal energy
- Building-with-nature
- Marine litter

Initial competences

The course is designed for Master and PhD students. Engineers, bio-engineers, geographers

and marine biologists are welcome to subscribe however essential for enrollement is the demonstration of experience in marine and maritime projects.

Final competences

Conditions for credit contract

Access to this course unit via a credit contract is determined after successful competences assessment

Conditions for exam contract

This course unit cannot be taken via an exam contract

Teaching methods

Group work, Seminar, Excursion, Lecture

Extra information on the teaching methods

- Lectures
- Workshops
- Interactive sessions.
- Guest lectures
- Group assignment
- Hands-on experience
- Site visits

Learning materials and price

References

Course content-related study coaching

Assessment moments

continuous assessment

Examination methods in case of periodic assessment during the first examination period

Examination methods in case of periodic assessment during the second examination period

Examination methods in case of permanent assessment

Assignment

Possibilities of retake in case of permanent assessment

examination during the second examination period is possible

Extra information on the examination methods

The students following the 2-week programme will receive assignments that will be evaluated by a jury.

Full participation and attendance is a prerequisite except for illness.

Calculation of the examination mark