

## Environmental Quality & Impact Assessment (C004336)

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 6.0**                      **Study time 150 h**                      **Contact hrs**                      39.0h

### Course offerings in academic year 2021-2022

A (semester 1)                      English                      Gent

### Lecturers in academic year 2021-2022

|                     |        |                    |
|---------------------|--------|--------------------|
| Bréhin, Florian     | NICE04 | lecturer-in-charge |
| Mocquet, Christophe | NICE04 | co-lecturer        |
| Moreau, Sébastien   | NICE04 | co-lecturer        |
| Zanibellato, Alaric | NICE04 | co-lecturer        |

### Offered in the following programmes in 2021-2022

|  | <b>crdts</b> | <b>offering</b> |
|--|--------------|-----------------|
| <a href="#">International Master of Science in Marine Biological Resources</a> | 6            | A               |

### Teaching languages

English

### Keywords

Environmental quality assessment, environmental impact assessment, human impact assessment, decision making, environmental diagnostic, coastal pollution, ecological quality, ecosystem service, human development, GIS, cost benefit analysis, legislation, recommendations

### Position of the course

### Contents

This course introduces concepts and methods used in marine ecological quality assessment and environmental impact assessment (EIA) for decision makers.

### Initial competences

Marine ecology

### Final competences

- 1 Design monitoring programs to analyze the quality of the environment.
- 2 Conduct environmental diagnostics / impact assessment (assess biodiversity, ecological quality & ecosystem services provided, predict impacts of new developments).
- 3 Weight impacts across time, comparing costs & benefits of a decision using supporting tools (legislation, GIS..).
- 4 Transform scientific results into recommendations for decision makers.

### 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, Integration seminar

### Learning materials and price

none

### References

**Course content-related study coaching**

none

**Assessment moments**

end-of-term and continuous assessment

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

Written examination with multiple choice questions, Written examination with open questions

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

Written examination with multiple choice questions, Written examination with open questions

**Examination methods in case of permanent assessment**

Oral examination, Peer assessment, Assignment

**Possibilities of retake in case of permanent assessment**

examination during the second examination period is possible in modified form

**Extra information on the examination methods**

written examination: open questions, written examination: MCQ, online activities, guided project, group presentation, peer assessment

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

Written examination with essay

**Calculation of the examination mark**

1 30% continuous assessment,

2 70% terminal assessment