

## Environmental Quality & Impact Assessment (C004336)

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

<b>Course size</b>	<i>(nominal values; actual values may depend on programme)</i>		
<b>Credits</b> 6.0	<b>Study time</b> 150 h	<b>Contact hrs</b>	39.0 h

### Course offerings in academic year 2021-2022

A (semester 1)	English	Gent
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### 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

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

Excursion, group work, lecture, integration seminar, seminar

**Learning materials and price**

none

**References**

**Course content-related study coaching**

none

**Evaluation methods**

end-of-term and continuous assessment

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

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

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

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

**Examination methods in case of permanent evaluation**

Oral examination, assignment, peer assessment

**Possibilities of retake in case of permanent evaluation**

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