

Marine environmental diagnosis



SCHOOL
Faculty of Science



CAMPUS
Belle-Beille



LEVEL
1st year Master's degree



OPEN TO EXCHANGE STUDENTS
Yes



SEMESTER
Spring (S2)

- > **Degree course:** Sea, Manmade pollution, Diagnosis
- > **Teaching unit:** UE 14
- > **Course language:** English
- > **Duration (hours):** 15
- > **ECTS:** 3
- > **Teacher(s):** Emmanuelle GESLIN and Maria-Pia NARDELLI

> **Assessment:**

- Continuous assessment
 Final exam

> **Teaching methods:**

- Lecture course 11 hours
 Tutorial course 4 hours
 Practical work hours

- Case study
 Project

COURSE DESCRIPTION

Presentation of diagnostic tools in the coastal marine environment (biotic indices, environmental indices, European regulatory framework).

Approaches to different types of anthropogenic disturbance through the case study of:

- Diffuse contamination
- Physical impact (e.g. off-shore wind turbines, dredging, trawling, etc.)
- Chemical/organic impact (e.g. oil rigs, eutrophication)
- Studies of scientific projects/reports with multidisciplinary approaches

Prerequisites:

This course requires knowledge in the areas of Ecology, Dynamics of marine environments, and Biogeochemistry.

OBJECTIVES

Reading and understanding of scientific and diagnosis reports addressed to political managers.

Identification of appropriate approaches for environmental diagnosis in different types of coastal marine environments.