UCLouvain

lboe2122

2026

Marine biodiversity

2.00 credits	30.0 h	Q2

Teacher(s)	Debier Cathy ;Rees Jean-François ;
Language :	French
Place of the course	Louvain-la-Neuve
Prerequisites	No prerequisites to participate in this activity
Main themes	Marine ecosystems
Learning outcomes	**At the end of this learning unit, the student is able to :** 1 This activity aims to develop knowledge about marine organisms and their environment.
Evaluation methods	**Assessment will consist of two components:** • **Written synthesis (30%)**: Maximum 2–3 pages, structured and properly referenced. • **Oral presentation (70%)**: • A 20-minute PowerPoint presentation per group. • A 20-minute Q&A session with other students and instructors. • Mini-colloquium format: all presentations will take place on the same day. • Attendance is mandatory for all students. • Active participation of students during the Q&A session will be taken into account in the final grade. Final grades will be calculated based on a weighting system using **Dynamo**.
Teaching methods	Coaching for the teams throughout the semester
Content	Students work in teams and choose a marine ecosystem to study (coral reefs, mangroves, deep-sea zones, estuaries, etc.). The project includes: • A description of the biodiversity present in the ecosystem • An analysis of its ecological functioning • An assessment of its current health status and threats • The identification of threats (pollution, overfishing, climate change, ocean acidification, invasive species) and the proposal of solutions (marine protected areas, ecological restoration, international policies).
Faculty or entity in charge	BIOL

Programmes containing this learning unit (UE)

Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Biology of Organisms and Ecology	BOE2M	2		🔍
Master [120] in Forests and Natural Areas Engineering	BIRF2M	2		🔍