

# OCEAN DATA SCIENCE MASTER COURSE

**Join our new course of the Master's degree in Marine Physics/Sciences and become an ocean data expert !**

In a context of advances in database technology, computing power and artificial intelligence, this program aims at training **high quality specialists** in oceanic instrumentation, in situ measurements, climate studies and environmental data analytics in public research and public or private companies.

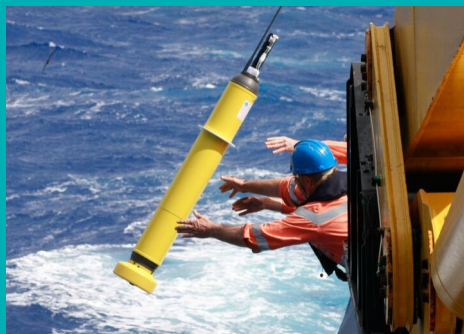
This course in cooperation between the universities UBO/UBS and renowned engineering schools (ENSTA Bretagne & IMT Atlantique) is **international** and essentially taught in English. It provides students with knowledge of the physical and dynamic properties of the marine environment and related engineering elements.

Objectives

Located in **Brittany**, near Brest : a dynamic university city and the European capital of oceanographic research.

## ISblue ?

The ocean regulates essential processes such as climate, and plays a pivotal role in the sustainable future of humanity. Nevertheless, ocean ecosystems are fragile and are rapidly changing. To address these increasing challenges, ISblue was created to **train the next generation of ocean innovators and science leaders** to answer the needs of the growing blue economy through top level research-based training.



## KEY ASSETS OF THE COURSE

**Support of various research laboratories** including LOPS specialised in in situ measures, physical processes in the ocean, numerical modelling and satellite-based ocean data.

**Association of the universities UBO & UBS with the engineering schools ENSTA Bretagne & IMT Atlantique**

Wide variety of high skills : marine sciences, data science, computing, artificial intelligence, ocean and climate physics, hydrodynamics.

**Involvement of various public institutes (IFREMER, SHOM, etc) and private companies (Actimar, FEM, etc)**

Contributing to the course through teaching, mentoring projects or internships and placing students at the heart of the socio-economic world.

To learn more,  
visit the website of IUEM  
[www-iumem.univ-brest.fr](http://www-iumem.univ-brest.fr)

