



INTERNATIONAL MASTER DEGREE

PROGRAM DURATION
2 Years

START DATE
October

CREDITS
120 ECTS

LANGUAGE
English

LOCATION
Milan, Italy; Maldives

TUITION
Foreign students with a bachelor Degree (earned abroad) who enroll in MARINE SCIENCES will be entitled for the following benefits:
1st Year: Full fee waiver
2nd Year: € 600,00

University of Milano-Bicocca
The Maldives National University

MARINE SCIENCES

DESCRIPTION OF THE COURSE

MSc. Degree in Marine Sciences is a 2-year joint degree program offered by the University of Milano-Bicocca in partnership with Maldives National University. The Faculty is made up of experts from the Università degli Studi di Milano-Bicocca, the Maldives National University, as well as other non-Italian universities and research organizations.

The official language of the Master's Degree course is English (B2 level required for admission). In order to foster the intercultural exchange and enable our students to enjoy their stay in our country, non-Italian students will be required to pass an Italian level B2, administered by the University (free).

The teaching is based on a multi-disciplinary approach integrating cutting-edge knowledge and research in this rapidly developing field, with the aim to address present and future environmental challenges. The program provides theoretical knowledge and practical experience, and entails 12 exams (120 credits). Students are encouraged to experience national and international internships and will have the opportunity to work in the field and in scientific labs at the MarHE Center in Maldives.

CAREER PATH

Career opportunities for Master's Degree graduates include positions in the public or private sectors as marine environment analysis and management experts, marine biologists and ecologists, marine and coastal resources experts, marine and coastal environmental policy experts, and human relations experts in maritime activities. The program also provides a solid foundation to pursue doctoral studies and a career in the academic sector.

COURSE DIRECTOR

Prof. Daniela Basso



CURRICULUM: The Master's Degree course provides competences on:

- Natural resources: management of reserves and protected areas, programs for tourism cultural training;
- Dissemination of scientific knowledge;
- Coastal protection: regional planning, advisory services on coastal erosion, prevention of biodiversity loss due to anthropogenic impacts;
- Fisheries and aquaculture: provision of expert consultancy services on fishing activities and fish farming;
- Maritime spatial planning: advisory services on natural, social, legal and regional planning issues.

common
teachings

at choice

First year course – common teachings

Biodiversity and Marine Ecology, 12 ECTS
 Chemistry of Marine Environment, 6 ECTS
 International Law of the Sea and Marine Environment Protection, 6 ECTS
 Introduction to Marine Biology, 6 ECTS
 Introduction to Marine Physical Geography, 6 ECTS
 Physics of the Sea, 6 ECTS

Two of the following:

Applied Geomorphology and Habitat, 6 ECTS
 Geo-biology, 6 ECTS
 Human Geography of Small Islands, 6 ECTS
 Marine Invertebrate Zoology, 6 ECTS
 Marine Vertebrate Zoology, 6 ECTS
 Paleoceanography and Paleoclimatology, 6 ECTS
 Political Geography and Geopolitics of the Sea, 6 ECTS
 Biofacies 6 ECTS
 Marine Environmental Macro-biology 6 ECTS

Second year course – common teachings

Coastal and marine hazard and resilience, 6 ECTS
 At choice of the student, 12 ECTS
 Practical training, 4 ECTS
 Further linguistic knowledge, 4 ECTS
 Final examination, 28 ECTS

Two of the following:

a) Coastal and marine botany, 6 ECTS
 b) Management of aquatic resources: fisheries, 6 ECTS
 c) Marine molecular biology, 6 ECTS
 d) Applied marine geology, 6 ECTS
 e) Paleoceanography and paleoclimatology, 6 ECTS
 f) Waves and turbulence, 6 ECTS
 g) Coastal risks and dynamics, 6 ECTS
 h) Food law and policy, 6 ECTS
 i) Coastal and maritime tourism, 6 ECTS
 j) Maritime sociology, 6 ECTS
 k) Communication skills and interpersonal relation management

FURTHER INFORMATION

didattica.ms@unimib.it

DEGREE REQUIREMENTS

Min. 3 years Bachelor Degree from an accredited college/university or its equivalent.

Language Certification: Certificate of proficiency in English corresponding to min. B2 level, issued by recognized institutions.

ADMISSION PROCEDURE – starting in April

Admission procedures vary according to the student's nationality and place of residence. For complete clarity concerning different procedures, we invite those interested to consult our website. Since the procedure may take several weeks/months of processing, we highly recommend you to get in touch with the competent offices as soon as possible.

PLEASE NOTE: The number of seats available are limited, therefore we request you to apply as soon as possible.

ACCOMMODATION AT UNIVERSITY OF MILANO-BICOCCA

In order for you to fully experience Bicocca campus life, we have carefully selected residences close to the main campus building.

The University of Milano - Bicocca makes available at their residences (Building U12 , via Vizzola 5 in Milan and Building U22, via Mantova in Sesto San Giovanni) rooms suitable for guest service. To book accommodation and learn about the costs and terms of your stay you can write to: booking.bicocca.fms.it@sodexo.com