INTERNATIONAL MASTER DEGREE

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 University of Milano-Bicocca, the Maldives National University, as well as other non-Italian universities and research organizations. 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 Master’s Degree course provide 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.

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

www.marinesciences.unimib.it
CURRICULUM: The Master’s Degree course provides competences on:
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- Dissemination of scientific knowledge;
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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
- Fundamentals to Marine Biology, 6 ECTS
- Fundamentals 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
- Paleooceanography and Paleoclimatology, 6 ECTS
- Environmental Justice 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:
- Coastal and marine botany, 6 ECTS
- Management of aquatic resources: fisheries, 6 ECTS
- Marine molecular biology, 6 ECTS
- Applied marine geology, 6 ECTS
- Paleoceanography and paleoclimatology, 6 ECTS
- Waves and turbulence, 6 ECTS
- Coastal risks and dynamics, 6 ECTS
- Food law and policy, 6 ECTS
- Coastal and maritime tourism, 6 ECTS
- Maritime sociology, 6 ECTS
- 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. English Certification: certificate of proficiency in English corresponding to min. B2 level, issued by recognized institutions.

ADMISSION PROCEDURE
Admission procedures vary according to the student’s nationality and place of residence. Applications open on the 15th of April 2019

1st time-window (reserved to NO-UE students requiring VISA): deadline 9th of May 2019 (student interview 13th of May);

2nd time-window (All students): deadline 9th September 2019 (student interview 13th of September).

Please note: selected NO-UE students (requiring VISA) must complete the pre-enrolment to the Italian Embassy (or Consulate) in their country no later than 24th July 2019. The pre-enrolment application form must be filled in on line http://www.unimib.it/segreterieonline click top-right of the page for the English (EN) version.

ACCOMMODATION AT UNIVERSITY OF MILANO-BICOCCA
The University of Milano - Bicocca makes available accommodation for international students. To book accommodation and learn about the costs and terms of your stay you can write to: booking.bicocca.fms.it@sodexo.com The University of Milano-Bicocca also offers scholarships to cover accommodation and living costs. For terms of application please consult www.marinesciences.unimib.it