

INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF SCIENCE

MARINE BIOLOGY

The Master's degree provides the skills needed for the understanding of key processes and patterns in marine and coastal ecosystems, for the conservation and sustainable use of marine resources, and for the development of methods and technologies for the sustainable farming of aquatic species. Theoretical lessons, field work and practical training provide students with a comprehensive, up-to-date view of marine biology. Emphasis is placed on evolutionary processes, reproductive strategies, morphology, molecular and functional plasticity, climate changes, fishery and other anthropogenic impacts on marine biodiversity and ecosystems, experimental design and data analysis.



UNIVERSITÀ
DI PADOVA

MARINE BIOLOGY

LEVEL Master

SCHOOL Science

DEPARTMENT Biology

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Chioggia-Venice, Italy

PROGRAMME COORDINATOR

Carlotta Mazzoldi

WEB

www.unipd.it/en/marine-biology

APPLY.UNIPD.IT



TOP 150 2025

Biological Sciences



BY SUBJECT

ENTRY REQUIREMENTS

- Bachelor's degree (or equivalent), with proven skills in Mathematics, Physics, Computer Science, Biology
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

1st Year: Experimental Design and Statistical Analysis; Marine Plant Biodiversity, Marine Animal Biodiversity; Ecology of Natural and Novel Marine Ecosystems; Molecular Methods for Management and Aquaculture; Comparative and Environmental Physiology of Marine Animals; Marine Conservation: Principles and Applications; Pharmacology, Toxicology and Welfare in Aquaculture; Practical Marine Ecology; Seafood Sustainability, Production and Control.

2nd Year: Behavioural Ecology; Marine Ecotoxicology; Farming and Feeding of Aquatic Species; Reproduction in Aquaculture; Marine Microbiology; Pathology of Aquatic Organisms.

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,900 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates can fill leadership roles in public and private institutions devoted to the protection and sustainable development of coastal and marine environment, sustainable management of marine resources, in marine ecotoxicology seafood quality control laboratories, and in aquaculture facilities. They can also be employed in research institutions or in the field of education and outreach. This Master's degree lays the foundations to continue an advanced training with a Ph.D. in universities in Italy or abroad.