

Facts and figures

Start: Winter semester

(Summer semester only in reasonable cases)

Duration: 4 semesters **Degree:** Master of Science **Language:** German

Admission not restricted

Application and enrolment



Admission requirements

General admission requirements:

www.uol.de/stud/210en

Language skills:

German native speaker or DSH 2 English recommended (level B2)

Application

Application deadline: 30 September (or 31 March)

German university degree:

Online application www.uol.de/studium/bewerben/master

EU or international applicants:

www.uol.de/en/application/international-students/master

Contact

For questions about the subject/degree programme

Academic counselling for Marine Environmental Sciences

www.uol.de/en/subject-specific-student-advice

Student representatives for Marine Environmental Sciences, Environmental Modelling, Microbiology and Marine Sensor Systems

www.uol.de/en/student-council-of-the-icbm-masters master-icbm@uol.de

For questions about your studies Study and Career Counselling Service www.uol.de/en/zskb

Basic questions about application and enrolment

Student InfoLine

Phone +49 441 798 - 2728

study@uol.de

Visitor address

Student Service Centre – SSC Haarentor campus, building A12 26129 Oldenburg

20125 Olderburg

www.uol.de/en/students/service-advice

Further information

Marine Environmental Sciences website www.uol.de/en/icbm/muwi-msc

Degree programmes at the University of Oldenburg www.uol.de/en/students/degree-programmes

Financing your studies

www.uol.de/en/students/fees/financing-your-studies

Optional period abroad

www.uol.de/en/going-abroad

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Marine Environmental Sciences

Master's degree



Marine Environmental Sciences (M. Sc.)

The Marine Environmental Sciences Master's programme is conducted by the Institute for Chemistry and Biology of the Marine Environment (ICBM). The interdisciplinary marine environmental research conducted at the Institute plays an important role in many national and international research programmes.

The objective of the Master's programme is the in-depth training of students in the scientific fields and methods of modern marine environmental sciences, with a special focus on marine research. The programme covers not only theory, but also wide-ranging practical components – from data-processing strategies to using powerful equipment for chemical and microbiological environmental analysis.

Additionally, students learn to gain scientific knowledge independently and in teams by tackling complex tasks. They also acquire the ability to communicate the basic contents and findings of their own research.

Career opportunities

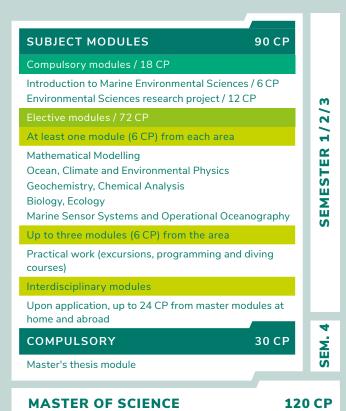
Graduates are qualified for careers in environmental and natural science fields, especially where there is a need for interdisciplinary approaches:

- Environmental management, planning companies, public authorities
- Research and development
- Policy advice
- Environmental education

Depending on their individual specialisation, graduates can for example work in the following fields:

- Monitoring complex analytical equipment
- Biological quality assurance in industry
- Adaptation of measuring methods for expeditions
- Software development
- Academic career (PhD)

Structure and contents



For the compulsory module Environment Science research project in the third semester, students work independently on a research project. They can also conduct this project at other scientific institutions in Germany or abroad, or outside the academic sphere.

Reasons for studying

The Institute for Chemistry and Biology of the Marine Environment focuses in particular on research into coastal and shallow seas, marine microbiology, and climate and Earth system research. Scientists at the ICBM study the Wadden Sea and the North Sea, work in other regions such as the Antarctic and off the coast of Africa, and take part in research expeditions on all the world's oceans. Furthermore, the ICBM maintains a permanent measuring station in the Wadden Sea and carries out various scientific investigations in the coastal area, using its own boats.

The ICBM is Lower Saxony's only university-based marine research institute. Scientists at the Institute teach and conduct research in all mathematical and natural sciences disciplines. Chemists, physicists, mathematicians, biologists, geologists, ecologists and engineers work together on current topics in marine research. This interdisciplinary approach is an essential strength of the ICBM in research and teaching. Students are involved in research activities right from the start.

The study programme is embedded in a cluster of seven Master's programmes in the field of environment and sustainability at the University of Oldenburg.