

# Facts and figures

Start: Summer semester

(winter semester only in reasonable cases)

Duration: 3 semesters
Degree: Master of Science
Language: German/English
Admission not restricted

# Application and enrolment



Admission requirements

General admission requirements:

www.uol.de/stud/559en

### Language skills:

German native speaker or DSH 2 English native speaker or level B2

#### Application

Application deadline: 31 March (or 30 September)

### 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 Sensor Systems 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

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

## Further information

Marine Sensors website

www.uol.de/en/marsens-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

#### Published by

Study and Career Counselling Service, Division 3 Last updated: 04/2022, reviewed annually



# Marine Sensors

Master's degree



# Marine Sensors (M. Sc.)

Oceans and coastal seas are highly complex systems which are used in many ways by humans. Innovative measuring techniques and platforms are necessary to measure quantifiable parameters for determining the state of and changes to marine systems. Marine sensors and sensor systems are important cross-sectional technologies for all areas of marine research and technology.

The Marine Sensors Master's programme offers a research-oriented qualification in the development, optimisation and analysis of sensors as well as measuring methods for all areas of marine research and technology. Students are also qualified to independently perform scientific work on complex tasks and to work in teams in research communication.

For admission to the Marine Sensors Master's programme, applicants must hold a Bachelor in a relevant subject with a total of 210 credit points. Degree programmes with a total of at least 180 credit points may be acceptable under the condition that students acquire any missing skills in a bridge semester during which they gain 30 credit points.

## Career opportunities

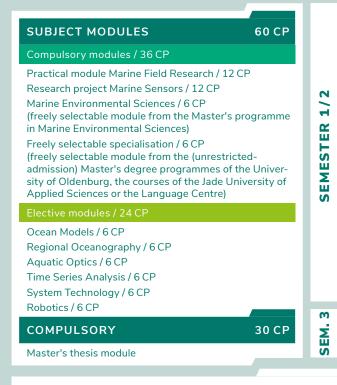
Master graduates are qualified for the following fields:

- Independent research and development
- Leadership of development teams
- Implementation of observation systems
- Consulting for end users

They find employment in e.g. these organisations:

- Research institutes and public authorities
- Sensor and sensor technology companies
- Consulting and sales companies
- Marine technology companies

## Structure and contents



**MASTER OF SCIENCE** 

90 CP

## **Specialisations**

The compulsory modules cover core competences in the areas seagoing expeditions and offshore technologies from planning to logistics, data collation, evaluation and presentation.

In the freely selectable compulsory module, students choose a module from the entire range of the Master's programme in Marine Environmental Sciences at the University of Oldenburg. This determines their individual specialisations. Additionally, students can choose a Master's module offered by the University of Oldenburg, the Language Centre, Jade University of Applied Sciences or an external institution. This module must have a meaningful connection to the Marine Sensors programme. In the final semester, students complete their Master's thesis.

