



## Facts and figures

**Start:** Winter and summer semesters

**Duration:** 4 semesters

**Degree:** Master of Science

**Language:** English

**Admission not restricted**

Fee-based

## Application and enrolment



### Admission requirements

**General admission requirements:**

[www.uol.de/stud/319en](http://www.uol.de/stud/319en)

### Language skills:

English native speaker or level B2

### Application

**Application deadline:** 30 September

### German university degree:

Online application

[www.uol.de/studium/bewerben/master](http://www.uol.de/studium/bewerben/master)

### EU or international applicants:

[www.uol.de/en/application/international-students/master](http://www.uol.de/en/application/international-students/master)

## Contact

### For questions about the subject/degree programme

**Academic counselling for Water and Coastal Management**

[www.uol.de/wcm/contact](http://www.uol.de/wcm/contact)

**Student representatives for Water and Coastal Management**

[www.uol.de/en/sem/programme-design/student-association](http://www.uol.de/en/sem/programme-design/student-association)  
[fachschaftsrat.sem@uol.de](mailto:fachschaftsrat.sem@uol.de)

### For questions about your studies

**Study and Career Counselling Service**

[www.uol.de/en/zskb](http://www.uol.de/en/zskb)

### Basic questions about application and enrolment

**Student InfoLine**

**Phone** +49 441 798 - 2728

[study@uol.de](mailto:study@uol.de)

### Visitor address

**Student Service Centre – SSC**

Haarentor campus, building A12

26129 Oldenburg

[www.uol.de/en/students/service-advice](http://www.uol.de/en/students/service-advice)

## Further information

### Water and Coastal Management Website

[www.uol.de/wcm](http://www.uol.de/wcm)

### Degree programmes at the University of Oldenburg

[www.uol.de/en/students/degree-programmes](http://www.uol.de/en/students/degree-programmes)

### Financing your studies

[www.uol.de/en/students/fees/financing-your-studies](http://www.uol.de/en/students/fees/financing-your-studies)

### Optional stay abroad

[www.uol.de/en/going-abroad](http://www.uol.de/en/going-abroad)

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Carl von Ossietzky  
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Oldenburg

# Water and Coastal Management

Master's degree



## Water and Coastal Management (M.Sc.)

Managing water resources, river catchments, and coastal zones are outstanding challenges of today and tomorrow. Such global changes ask for a comprehensive scientific approach and international multidisciplinary orientation and require a new mindset towards water and coastal management problems. We train students from all over the world to become international experts in Water and Coastal Management.

The master programme WCM is a Double-Degree-Programme that merges the teaching of two different universities to provide academic knowledge as well as inspiring international contacts and intercultural experiences. As a result, students earn two Master's Degrees: Water and Coastal Management (M.Sc.) from the University of Oldenburg and Environmental and Infrastructure Planning (M.Sc.) from the University of Groningen

The Master of Science offers an innovative and versatile opportunity for advanced academic education that is ready to be put into practice. Our program is taught by scientists, as well as experts with years of practical experience, and is closely knit with environmental sciences, socioeconomics, and spatial sciences. Students will be trained to manage the water and coastal resources of our future societies in a sustainable way.

### Career opportunities

With the Master's degree trained students will be able to work in different organisations that are directly or indirectly responsible for water management and/or the management of coastal resources, i.e.

- National, regional and local authorities
- Agencies with special responsibilities in that field
- Consulting firms with different specialisations
- Research institutes
- Academic career (doctorate)

See where our WCM graduates end up at the bottom of the following website: <https://uol.de/wcm/career-perspectives>

## Structure and contents

### BASIC MODULES 12 CP

Compulsory modules

Case Study / 12 CP

### DEEPENING MODULES 48 CP

Section Planning / 18–30 CP

Sustainable spatial development in Europe / 6 CP

Planning and Management of Coastal Zones & Sea Basins / 6 CP

Selected Topics in River and Coastal Development / 6 CP

GIS for WCM / 6 CP

Marine and Maritime Law / 6 CP

Section Science / 6–18 CP

Practice of Nature Conservation / 6 CP

Environmental Sciences / 6 CP

Selected Topics in Environmental Sciences and Management / 6 CP

Section Socioeconomics / 6–12 CP

International Sustainability Management / 6 CP

Resource and Energy Economics / 6 CP

Topics in Sustainability Economics and Management I / 6 CP

Topics in Sustainability Economics and Management II / 6 CP

Topics in Economic Research / 6 CP

Public Economics / 6 CP

### SPECIALISATION 40 CP

Compulsory modules / 30 CP

Dilemmas in Infrastructure Planning / 5 CP

Transitions in Water Management / 5 CP

Comparative Research and Planning Practice / 5 CP

Reinventing Environmental Planning / 5 CP

Planning Theory / 5 CP

Environmental and Infrastructure Planning (EIP)

Interactive Workshop / 5 CP

Elective modules / 10 CP

Planning Methods and Evaluation / 5 CP

Fieldwork Water Quality / 5 CP

### COMPULSORY 20 CP

Master's thesis module

### MASTER OF SCIENCE 120 CP

In total, the programme comprises a workload of 120 CP. 60 CP are earned in the 1st and 2nd semester at the study location in Oldenburg. 60 CP in the 3rd and 4th semester at the study location Groningen.

### Specialisation

The students can choose courses, seminars, and lectures out of three pillars: Topics in Planning, Topics in Environmental Sciences and Topics in Socioeconomics.

- Section Planning: according to individual choice in total not less than 18 CP, not more than 30 CP in 2 semesters
- Section Science: according to individual choice in total not less than 6 CP, not more than 18 CP in 2 semesters
- Section Socioeconomics: Section Science: according to individual choice in total not less than 6 CP, not more than 12 CP in 2 semesters

There is the option to take modules with in total not more than 12 ECTS in another MSc or MA degree programme in a related subject area.

The students independently as a group carry out a case study, dealing with scientific questions regarding Coastal Zone or River Management in the geographical context of Northwest Germany. They choose their own field of interest to do research.

SEMESTER 1 / 2

SEMESTER 3 / 4

SEM. 3 / 4