Table of Contents

Master's degree .................................................................................................................................................. 2

Marine Geosciences • University of Bremen • Bremen ......................................................................................... 2
# Master's degree

## Marine Geosciences

**University of Bremen • Bremen**

### Overview

<table>
<thead>
<tr>
<th><strong>Degree</strong></th>
<th>Master of Science in Marine Geosciences</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Course location</strong></td>
<td>Bremen</td>
</tr>
<tr>
<td><strong>Teaching language</strong></td>
<td>English</td>
</tr>
<tr>
<td><strong>Languages</strong></td>
<td>Course are held in English (100%), every assignment and report as well as the Master's thesis should be written in English.</td>
</tr>
<tr>
<td><strong>Programme duration</strong></td>
<td>4 semesters</td>
</tr>
<tr>
<td><strong>Beginning</strong></td>
<td>Winter semester</td>
</tr>
<tr>
<td><strong>Application deadline</strong></td>
<td>30 April for the following winter semester. No intake of freshers for the summer semester</td>
</tr>
<tr>
<td><strong>Tuition fees per semester in EUR</strong></td>
<td>None</td>
</tr>
<tr>
<td><strong>Combined Master's degree / PhD programme</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>Joint degree / double degree programme</strong></td>
<td>No</td>
</tr>
</tbody>
</table>

**Description/content**

The programme focuses on geoscientific aspects of climate, resources and technologies in the marine environment. These issues are under investigation at the leading German marine research institutions in Bremen and Bremerhaven. The multidisciplinary nature of these research fields as well as the application of up-to-date scientific methods, instruments and computing strongly influence teaching methods and topics.

Research in marine geosciences has a long tradition in Bremen and constitutes the main focus at the Department of Geosciences of the University of Bremen. All aspects of marine geosciences are covered, from sedimentology to petrology, from geophysics to biogeochemistry, from basic research to applied technology.

With the establishment of MARUM, the Center for Marine Environmental Sciences, the University of Bremen has created a leading international institute for planning and carrying out interdisciplinary marine science. Studies within MARUM focus on the three research areas "Ocean and Climate", "Geosphere-Biosphere Interactions" and "Sediment Dynamics". The multidisciplinary nature of marine geoscientific research and the application of up-to-date scientific instruments play an important role in teaching methods and topics.

The international, postgraduate study programme in Marine Geosciences is designed to research related topics, placing particular emphasis on the specialities of the Bremen department. The programme comprises skills and methods which enable graduates to critically evaluate scientific results, and it provides a solid professional qualification for tasks in science and its applications.
Course Details

Course organisation

The interdisciplinary character of Marine Geosciences is reflected in a topic-oriented course structure. The programme strongly emphasises the understanding and modelling of processes and dynamics in natural systems.

Courses are held as lectures, seminars, exercises, field courses and projects. A conference on geoscience topics relevant to society, organised by the students, and a field and lab practice course are mandatory during the first year.

In the compulsory elective part, courses on biogeochemical processes, climate change, marine environmental archives, marine resources and geotechnology, physics and petrology of the ocean crust, and sedimentary structures and processes are offered. By choosing three of these six core subjects, students can develop an individual profile.

During the third semester, an individually organised survey project is carried out, followed by a seminar on the conception and publication of research work. The fourth semester is dedicated to the Master's thesis. A final colloquium presentation of the thesis project completes the programme.

Types of assessment

- Oral and written exams
- Written reports
- Seminar talks
- Assignments
- Oral presentations

A Diploma supplement will be issued

Yes

International elements

- Study trips
- Projects with partners in Germany and abroad
- International comparisons and thematic reference to the international context
- Specialist literature in other languages

Integrated internships

During the geoscientific project

Course-specific, integrated German language courses

No

Course-specific, integrated English language courses

No

Costs / Funding

Tuition fees per semester in EUR

None

Semester contribution

Approx. 350 EUR

Costs of living

Approx. 900 EUR/month

Funding opportunities within the university

No
Requirements / Registration

**Academic Admission Requirements**
- Explicit interest in marine geosciences
- Bachelor of Science in a geoscientific field (or a comparable qualification)
- at least 30 ECTS credit points or an equivalent amount of courses of the curriculum in mathematics, physics, chemistry and/or biology
- at least 60 ECTS credit points or an equivalent amount of courses of the curriculum in geosciences
- very good command of the English language (textbook and teaching language)
- capacity to work both independently and as part of a team
- intercultural competence

**Language requirements**
Applicants must provide proof of their English language skills: internationally recognised proficiency test, level C1 according to the Common European Framework of Reference for Languages, e.g. TOEFL (IBT 95 points), IELTS Band 7.

**Application deadline**
30 April for the following winter semester. No intake of freshers for the summer semester.

**Submit application to**
https://movein-uni-bremen.moveonnet.eu/movein/portal/studyportal.php

Services

**Possibility of finding part-time employment**
Well-qualified students may find a job as a student assistant in one of the working groups at the department. Access is limited and by no means guaranteed, and the salary is not sufficient to cover living expenses.

**Accommodation**
Accommodation cannot be provided, but students are assisted in finding an apartment.

**Career advisory service**
Career advisory service at the Department of Geosciences:
Studien- & Praxisbüro Geowissenschaften
Dr Ulrike Wolf-Brozio
wolfbroz@uni-bremen.de

Career advisory service at the university:
Career Center
Petra Droste
pdroste@uni-bremen.de

Specific specialist or non-specialist support for international students and doctoral candidates
- Buddy programme
- Welcome event

**Supervisor-student ratio**
1:3
Contact

University of Bremen
Geosciences Department

Dr Ulrike Wolf-Brozio

Klagenfurter Strasse 2-4
28359 Bremen

Tel. +49 42121865004
mscmarin@uni-bremen.de
Course website: https://www.geo.uni-bremen.de/page.php?pageid=85

https://www.facebook.com/Marine-Geosciences-808424419531506/?modal=admin_todo_tour

International Programmes in Germany - Database

www.daad.de/international-programmes
www.daad.de/sommerkurse

Editor
DAAD - Deutscher Akademischer Austauschdienst e.V.
German Academic Exchange Service
Section K23 – Information on Studying in Germany
(responsible: Judith Lesch)
Kennedyallee 50
D-53175 Bonn
www.daad.de

GATE-Germany
Consortium for International Higher Education Marketing
www.gate-germany.de

Disclaimer
The data used for this database was collected and analysed in good faith and with due diligence. The DAAD and the Content5 AG
accept no liability for the correctness of the data contained in the "International Programmes in Germany" and “Language and Short
Courses in Germany”.

The publication is funded by the German Federal Ministry of Education and Research and by contributions of the participating
German institutions of higher education.