



Deutscher Akademischer Austauschdienst  
German Academic Exchange Service



## Table of Contents

Master's degree .....	2
MSc Geophysics • Universität Hamburg • Hamburg .....	2

# Master's degree



## MSc Geophysics

Universität Hamburg • Hamburg

### Overview

Degree	Master of Science in Geophysics
Teaching language	<ul style="list-style-type: none"><li>English</li></ul>
Languages	<p>All modules of the MSc programme in Geophysics are taught in English. The Master's thesis is also written in English.</p> <p>Furthermore, interdisciplinary and elective courses from other MSc degree programmes that may be taught in German can be chosen.</p>
Full-time / part-time	<ul style="list-style-type: none"><li>full-time</li></ul>
Programme duration	4 semesters
Beginning	Winter and summer semester
Additional information on beginning, duration and mode of study	<p>Attendance is mandatory during the lecture periods:</p> <ul style="list-style-type: none"><li>summer semester: April to July</li><li>winter semester: October to January</li></ul>
Application deadline	<ul style="list-style-type: none"><li>1 December to 15 January for the following summer semester</li><li>1 June to 15 July for the following winter semester</li></ul>
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	<p>The MSc Geophysics at the Universität Hamburg is a research-oriented programme that offers individual specialisation. Students can choose those lectures from the curriculum of the Institute of Geophysics that best suit their scientific interests.</p> <p>The curriculum of the Institute of Geophysics represents the focus of the working groups in research and teaching:</p> <ul style="list-style-type: none"><li>Applied seismics</li></ul>

- Marine geophysics
- Seismology
- Physical volcanology
- Machine learning
- Interdisciplinary expertise
- Learning by active participation in research

## Course Details

<b>Course organisation</b>	The programme is divided into two phases, beginning with the Advanced Studies Phase, during which students develop advanced knowledge and understanding in geophysics and related interdisciplinary subjects. This phase is followed by the Research Phase, during which each student specialises in a geophysical research field that eventually becomes the topic of his or her Master's thesis.
	<a href="#">» PDF Download</a>
<b>A Diploma supplement will be issued</b>	Yes
<b>International elements</b>	Geophysical seminar with invited national and international speakers
<b>Description of other international elements</b>	Geophysical seminar with invited national and international speakers
<b>Course-specific, integrated German language courses</b>	No
<b>Course-specific, integrated English language courses</b>	No

## Costs / Funding

<b>Tuition fees per semester in EUR</b>	None
<b>Semester contribution</b>	There is a semester fee of approx. 330 EUR per semester. This fee includes a semester ticket covering public transport in the Hamburg metropolitan area.
<b>Costs of living</b>	We recommend that single students budget at least 900 EUR per month to meet personal expenses (accommodation, living, health insurance, books).
<b>Funding opportunities within the university</b>	Yes

**Description of the above-mentioned funding opportunities within the university**

International full-time students may apply for merit scholarships or exam grants granted by Universität Hamburg. For more information, please use the provided link. We also recommend contacting our colleagues in the Department of International Affairs for further guidance: <http://www.uni-hamburg.de/internationales/studieren-an-der-uhh/finanzierung-des->

## Requirements / Registration

### Academic admission requirements

- A Bachelor's degree in the consecutive BSc Geophysics/Oceanography of the Faculty for Mathematics, Informatics, and Natural Sciences of the Universität Hamburg or
- a Bachelor's degree in an equivalent subject or
- a Bachelor's degree in a mathematical or physical programme where a minimum of 90 ECTS credit points coincides with the curriculum of the BSc Geophysics/Oceanography of the Faculty for Mathematics, Informatics, and Natural Sciences of the Universität Hamburg. Of the aforementioned 90 ECTS credit points, a minimum of 45 ECTS credit points must be acquired in mathematics and/or physics.

Furthermore, a minimum of 6 ECTS credit points in computer programming is required.

### Language requirements

Proficiency in English language is required and can be proved by any of the following certificates:

- Common European Framework of Reference for Languages (CEFR) B2 or
- International English Language Testing System (IELTS) Academic Test with a minimum score of 5.0 or
- Test of English as a Foreign Language (TOEFL) Internet-based test with a minimum score of 72 points or
- Cambridge First Certificate in English (FCE), Cambridge Certificate of Advanced English (CAE), Cambridge Certificate of Proficiency in English (CPE) or
- a minimum of seven years in English at a German high school or by equivalent certification, where the equivalency is determined by the admission board.

### Application deadline

- 1 December to 15 January for the following summer semester
- 1 June to 15 July for the following winter semester

### Submit application to

<https://www.stine.uni-hamburg.de/scripts/mgrqispi.dll?APPNAME=CampusNet&PRGNAME=EXTERNALPAGES&ARGUMENTS=-N000000000000002,-N000339,-A100101e>

## Services

### Possibility of finding part-time employment

Students who enrol in a full-time programme will generally have only a limited time for part-time jobs. As a rule, students who hold a student residence permit may work for up to 120 full days or 240 half days per year. Further information on work regulations for international students at Universität Hamburg is available at the Department of International Affairs (<https://www.uni-hamburg.de/en/internationales/studierende/incoming/studium-mit-abschluss.html>) and at the Counselling Centre for Study Financing (<https://www.studierendenwerk-hamburg.de/en/counselling/counselling-centre-for-study-financing-best>).

### Accommodation

Accommodation is available through the "Studierendenwerk" (student services) or on the private market. The "Studierendenwerk" provides rooms in halls of residence, most of which are single rooms with shared kitchens and showers/WCs. We strongly advise students and researchers to arrange accommodation prior to arriving in Hamburg, as demand for affordable accommodation is sometimes larger than supply. For more information on how to find accommodation and how to plan your first steps in Hamburg, please see: <https://www.uni-hamburg.de/piasta/beratung/doc/willkommen.pdf>.

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# Contact

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Institute of Geophysics

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🌐 Course website: <https://www.geo.uni-hamburg.de/en/geophysik/studium/msc-geophysik.html>

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# International Programmes in Germany - Database

[www.daad.de/international-programmes](http://www.daad.de/international-programmes)

[www.daad.de/sommerkurse](http://www.daad.de/sommerkurse)

## Editor

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German Academic Exchange Service

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## GATE-Germany

Consortium for International Higher Education Marketing

[www.gate-germany.de](http://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".

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