

Ocean and Climate Physics M.Sc

Application information

Application period: 1 June - 15 July (winter semester)

Semester start: 1 October (winter semester)

Language(s) of instruction: English

Introduction

The Institute of Oceanography at Universität Hamburg offers a master degree (MSc) in Physical Oceanography and Climate Physics. This research oriented four semester course is directed to students with a B.Sc. degree in Physical Oceanography, Meteorology, Geophysics, Physics or an equivalent subject and provides profound knowledge on the physics of the ocean and its role in the climate system. Students will be educated and prepared for their future research in physical oceanography or other climate sciences. Furthermore, students are trained to autonomously implement and broaden scientific findings, methods and skills.

<https://www.ifm.uni-hamburg.de/en/education/master.html>

Admission requirements

(List of all admission requirements as per the current admission bylaws)

University degree

A Bsc in Geophysics or Physical Oceanography at Universität Hamburg or a comparable degree from a different university. A mathematical or physics-oriented BSc degree can also be accepted, if mathematical and physical courses equivalent to the courses taught in the BSc Geophysics/Oceanography, amounting to at least 90 CPs, have been completed.

If you have not received your degree certificate yet, you can submit this by the end of the first semester of your master's program. Please see the "Documents to submit" section below for details.

Additional special admission requirements

English proficiency is required and can be demonstrated by at minimum three years of high-school English or previous studies in English (to be confirmed by respective certificate or transcript of records).

For details of the legal basis for this regulation, please see the admission bylaws for your chosen degree program: www.uni-hamburg.de/zugang-master

Recognition of transcripts for degree programs completed at foreign higher education institutions

If you obtained your first degree abroad, your certificate will be reviewed during the application procedure in the Faculty of Mathematics, Informatics and Natural Sciences (MIN).

If your degree certificate is not in English or German, please include a certified English translation of this together with your application documents.

Recognition of higher education entrance eligibility by uni-assist

If you obtained your higher education entrance eligibility abroad, you will need to apply to uni-assist for preliminary review of your certificate. Universität Hamburg makes an application form available and explains the recognition procedure online: www.uni-hamburg.de/vpd

uni-assist needs around four weeks to review documents and processes applications in the order in which they were received. **We therefore urgently recommend that you submit your documents to uni-assist as soon as possible!** Fees apply for review of your documents. Please note that uni-assist will only begin reviewing documents when this fee has been paid.

Application

Online application

You will need to complete the online application available on Universität Hamburg's application portal during the application period: www.uni-hamburg.de/online-bewerbung

Please create a user account, enter your information online, and submit your application electronically.

You will then need to print out your online application and submit it together with the following documents to the application address indicated below.

Documents to submit

Please submit uncertified copies of all documents. For documents not issued in English or German, a certified English translation is required.

- **Signed printout of your online application**
- **Degree certificate or provisional Transcript of Records**
If you are still studying when you apply and cannot yet provide a final certificate containing your grades, please submit your current Transcript of Records confirming your provisional grade point average. You will then need to submit your degree certificate by the end of the first semester of your master's program.
- **higher education entrance eligibility** (e.g., *Abitur*, A-levels)
- **Letter of Application** indicating the reasons for your study request, especially as regards your interest in the subject as well as in a scientific further training. Furthermore, a short Curriculum Vitae including professional experience or internships (if any) which are relevant for the MSc-course as well as a statement regarding your English language skills.

Application address

Prof. Dr. Johanna Baehr

Institut für Meereskunde

Universität Hamburg

Bundesstr. 53

D-20146 Hamburg, Germany.

Please note that your application can only be considered if your complete application documents reach the **application address** by the application deadline. The date on which your application is received and not the postmark is decisive! This deadline is final; no extensions can be granted.

Please bind (staple) all supporting documents required for your application or ensure that loose pages are otherwise bound. The printout of your online application should be the top page. Do not use paper clips, folders, or transparent sleeves.

If you want to submit an **additional special application** (e.g., hardship application), you will need to send this directly to the Application and Admissions Team (Team Bewerbung und Zulassung) together with the required proof separately from the application documents indicated above by the application deadline. For more information on special applications, please see www.uni-hamburg.de/sonderantrag and www.uni-hamburg.de/info-master.

Selection criteria

If the number of applicants exceeds the number of places available, a selection procedure will be necessary:

1. 75% of places will be offered following a ranking of the final grade of the first professional BSc degree. In case of equal grades, the better grade of the university entrance exam will be decisive.

2. For 25% of places, a group of students consisting of twice as many students as places offered will be selected from the remaining pool of applicants (not considered in the first group mentioned above) based on the best grades of the first professional BSc degree. Within this group, the selection will be conducted as follows:

a) the final grade of the first professional BSc degree.

The accountable grade of the first professional BSc degree can be improved by fulfilling one or more of the criteria below:

b) the level of similarity of the previous degree with a BSc degree at the Faculty of Mathematics, Informatics and Natural Sciences (MIN) at Universität Hamburg,

c) for the MSc degree relevant work experiences,

d) further qualifications, such as (but not limited to) studies abroad or the grade of the university entrance degree,

e) a well-reasoned motivation for studying the MSc degree in particular with respect to further scientific understanding.

The criteria listed above as (b) to (e) can each be accounted for with 3 'points'. Every such 'point' improves the grade of the first professional BSc degree by 0.1 units on the German grading scale. The ranking is established by an arithmetic mean of (a) and the grade established by taking into account (b) to (e).

3. In case, place remain open after 1. and 2. are conducted as described above, further places can be offered following these procedures again (list of alternates)

The selection process is conducted by the academic study advisor in agreement with the head of the examination board.

For details of the legal basis for this regulation, please see the selection bylaws for your chosen master's program: www.uni-hamburg.de/auswahl-master

Admission and enrollment

Once your application has been reviewed, an acceptance or rejection letter will be made available in your STiNE account under the *Dokumente* (Documents) tab. Please see the information on applying online for a master's program for details of when this will become available: www.uni-hamburg.de/info-master. An enrollment deadline will be indicated in your acceptance letter—please submit the documents required for enrollment to the Application and Admissions Team (Team Bewerbung und Zulassung) by this date. Please submit certified copies of all documents—see www.uni-hamburg.de/beglaubigung for details.

Contact

Academic study advisor:

PD Dr. Thomas Pohlmann (Thomas.Pohlmann@uni-hamburg.de), +49 40 42838-3547

Chair of Examination Board (Prüfungsausschussvorsitz):

Prof. Dr. Johanna Baehr (johanna.baehr@uni-hamburg.de), +49 40 42838 7736

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