Ocean and Climate Physics M.Sc

Application information

**Application period:** 15 February - 31 March (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](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 in math, physics, numerics and/or fluid dynamics, 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

Sufficient English language skills to follow scientific lectures are required. These can be confirmed based on your own assessment.

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.

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

You will then need to sent your online application together with the following documents by email to: maite.martinez@uni-hamburg.de.
Documents to submit

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

- **Scan 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**

Please submit all supporting documents required for your application in the order stated above by email to: maite.martinez@uni-hamburg.de.

Please note that your application can only be considered if your complete application documents reach us by the application deadline. This deadline is final; no extensions can be granted.

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](http://www.uni-hamburg.de/sonderantrag) and [www.uni-hamburg.de/info-master](http://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, places 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 at www.uni-hamburg.de/online-application. 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. Detailed information about the enrollment process is provided at www.uni-hamburg.de/masterenrollment.

Contact

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

Chair of Examination Board (Prüfungsausschussvorsitz):
Prof. Dr. Detlef Stammer (detlef.stammer@uni-hamburg.de), +49 40 42838 5052

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