

—Master of Science (M.Sc.) Integrated Climate System Sciences—

Application information

Application period: 15 February - 31 March (winter semester)

Semester start: 1 October (winter semester)

Language(s) of instruction: English

Introduction

(Optional—this section can be deleted if no introduction is desired)

The MSc in Integrated Climate System Sciences (ICSS) combines all sciences addressing the climate system. This includes natural sciences as well as climate-relevant aspects of social and economic sciences.

This interdisciplinary approach will enable you to understand the processes of climate variability and climate change and its respective consequences for societies, including how they respond to these.

Your curriculum will focus on earth system sciences, considering natural processes in the atmosphere, hydrosphere, cryosphere, geosphere and biosphere. To describe the earth system and its complexities, you will mainly use mathematical methods and numerical modeling. Observation and monitoring data are used to validate the models.

Another focus is on the climate-relevant aspects of social and economic sciences to understand political and social processes and conflicts caused by or arising from climate change.

This approach will enable you to develop a comprehensive understanding of the past, current and future climate variability of the earth system, letting you perceive Earth as an integrated system.

Further information is available here: <https://www.clisap.de/grad-school/msc-program/sicss-msc-program/>

Admission requirements

University degree

Demonstrated skills in mathematics and physics equivalent to approximately 90 CP (1 CP equals 30 hours of study) and a B.Sc. degree in a subject related to climate system sciences such as meteorology, oceanography, environmental physics, or other Earth System Sciences are required. Admission of applicants with less than 90 CPs is subject to individual evaluation.

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

Proof of proficiency in English:

- English B.Sc. or M.Sc.
- TOEFL internet-based test*: minimum score of 90 (with a minimum sub score of 20 for Listening, Comprehension, Speaking and Writing)
- IELTS*: at least band 6.5 (with a minimum sub score of 6.0 for Listening, Comprehension, Speaking and Writing)
- CEFR* Level C1* Please note that IELTS and TOEFL tests should have been taken no longer than two years prior to enrollment.

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.

If your degree certificate is not in English, 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-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, 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*, preliminary review documentation (VPD) from uni-assist, master craftsperson qualification, etc.) as required
- **Proof of English proficiency**
- **Letter of motivation**
- **Curriculum Vitae**
- **A list of mathematical and physical courses incl. credit points and grades**
- **Summary of B.Sc. thesis in English**
- **If available, B.Sc. thesis in English as pdf via email to sicss@uni-hamburg.de**

Application address

Dr. Ingo Harms

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Germany

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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:

Relevance of the B.Sc. degree

Topic of the B.Sc.Thesis

Course grades

English proficiency

Quality of the Letter of Motivation

If applicants have work experience or have done any internships in a relevant field, these will also be taken into account.

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/international-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

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Last updated: February 2018