



Integrated Climate System Sciences M.Sc.

Application period: 15 February – 31 March (winter term)

Semester start: October 1st (winter term)

Language(s) of instruction: English

Introduction

The MSc program in Integrated Climate System Sciences (ICSS) is a study program that teaches across all subjects involved in climate research in order to provide a holistic picture of the climate system. This interdisciplinary approach enables you to understand the processes of climate variability and climate change and its respective consequences for societies, including how they respond to these.

The analysis and assessment of our climate and earth system increasingly require interdisciplinary competencies. Not least because of the pressure to act with regard to adaptation to climate change, there is an increasing demand for interdisciplinary scientists and climate experts.

Our interdisciplinary claim challenges the traditional subject-related teaching. The MSc ICSS has developed special interdisciplinary courses and enables study projects, theses and mentoring in a cross-curricular and research-oriented context.

Through this approach and the imparting of interdisciplinary competences, the MSc ICSS has a unique selling proposition. The location in Hamburg with access to Germany's hub for Climate research offers ideal study conditions.

The program has an internationally unique focus on physics and modelling and offers four areas of specialization:

- 1) Physics of the Climate System
- 2) Biogeochemistry of the Climate System
- 3) Climate-Related Economics
- 4) Climate-Related Social Sciences

Classes are limited to max. 35 students. This research-oriented program was re-accredited by ASIIN in 2018 and by the German Accreditation Council in 2024.

Further information is available here: <https://www.sicss.uni-hamburg.de/msc-programs/msc-integrated-climate-science.html>

We offer a few "Climate Futures Scholarships" for exceptional BSc graduates with strong research



determination to pursue research and to advance within the academic system by pursuing a PhD or doctoral degree. Eligibility Criteria are i) admission to participating MSc program (Atmospheric Science, Ocean Climate Physics, Integrated Climate System Sciences), ii) excellent academic record in BSc program, demonstrated by BSc grades, a letter of motivation and up to two relevant reference letters, and iii) a strong determination to pursue research and to advance within the academic system by pursuing a PhD, demonstrated through a letter of motivation. If you have a background as a member of an underrepresented group, please address this in your letter. Please find more details at <https://uhh.de/min-eap26>

Admission Requirements

University degree

- a degree in one of the bachelor's programs in Geophysics/Oceanography, Meteorology, Earth Sciences, or Geography from the Faculty of Mathematics, Informatics, and Natural Sciences at the University of Hamburg or
- a degree in another natural science bachelor's program may also be accepted, provided that coursework equivalent to approximately 90 credit points in subjects comparable to the curriculum of the aforementioned programs can be demonstrated.
- 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 (with individual sub scores of at least C1 for Listening, Comprehension, Speaking and Writing)

* Please note that language 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 your program.

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

Application

Online Application

You will need to complete the online application available on University of Hamburg's application portal during the application period: www.uni-hamburg.de/online-application. Please create a user account, enter your information online, upload the required documents to your online application and submit your application online.

The application procedure for the master program is an online procedure. This means that you do not need to submit any documents in paper form or via email to Universität Hamburg. Instead, you have to upload the documents. Selection is based on the information you provide online and the documents you upload.

If you want to submit an additional special application (e.g. hardship application), you will need to send this special application separately via the online application portal together with the required proofs as an upload by the application deadline. For more information on special applications, please see www.uni-hamburg.de/sonderantrag and www.uni-hamburg.de/info-master

Documents to submit

Please submit electronic copies of the documents. For documents not issued in English, a copy of a certified English translation is required.

- 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.
- Proof of English proficiency
- Letter of Qualification



- Curriculum Vitae
- If available, summary of B.Sc. thesis in English

If you have obtained your first degree in China, India and/or Vietnam, you will be required to provide us with a certificate from the Akademische Prüfstelle (APS).

If you are interested in the Early Admittance Program (EAP), please submit an additional, specific letter of motivation for the EAP of no more than two pages (optional)

Selection criteria

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

- a) Grade of the B.Sc. degree
- b) Quality of the Letter of Qualification

Selection criteria a) and b) are valued fifty percent each.

If applicants

- can prove they have covered courses worth at least 20 ECTS in 1) Biogeochemistry, and/or 2) Economy and Social Sciences
- have relevant work/internship experience of at least six months
- have lived abroad for at least 6 months, or
- published a scientific paper as first author,

these experiences 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: [https://www.uni-](https://www.uni-hamburg.de/campuscenter/studienorganisation/ordnungen-satzungen/auswahlsatzungen.html)

[hamburg.de/campuscenter/studienorganisation/ordnungen-satzungen/auswahlsatzungen.html](https://www.uni-hamburg.de/campuscenter/studienorganisation/ordnungen-satzungen/auswahlsatzungen.html)

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 by this date. The enrollment process is an online process. Detailed information about the enrollment process is provided at www.uni-hamburg.de/masterenrollment.



Universität Hamburg

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FAKULTÄT

MATHEMATIK, INFORMATIK

UND NATURWISSENSCHAFTEN

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