



## Integrated Climate System Sciences M.Sc.

### Application Information

**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 three areas of specialization:

- 1) Physics of the climate system
- 2) Biogeochemistry of the climate system
- 3) Climate-related economics and social sciences

Classes are limited to appr. 20 students. This research-oriented program was re-accredited by ASIIN in 2018.

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



## Admission Requirements

### University degree

- A Bachelor's degree in one of the consecutive B.Sc. Geophysics/Oceanography or B.Sc. Meteorology of the Faculty for Mathematics, Informatics, and Natural Sciences of Universität Hamburg or
- a Bachelor's degree in another natural sciences subject with at least 60 CP (1 CP equals 30 hours of study) in mathematics and physics.

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](http://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 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](http://www.uni-hamburg.de/online-application)  
Please create a user account, enter your information online, and submit your application online. You will then need to print your online application as a PDF document and submit it together with the following documents to the email address or contact indicated below. You do not need to submit paper documents.

### 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.
- Your online application form
- 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 motivation (template: <https://www.sicss.uni-hamburg.de/msc-programs/x-documents/mscicss-letter-of-motivation-barrierfree.pdf>)
- Curriculum Vitae
- A list of mathematical and physical courses incl. credit points and grades (template: <https://www.sicss.uni-hamburg.de/msc-programs/x-documents/cps-translation-barrierfree1.xlsx>)
- If available, summary of B.Sc. thesis in English
- If available, B.Sc. thesis in English as pdf

### Application address

Please submit all documents as one pdf to our online form (<https://www.sicss.uni-hamburg.de/msc-programs/msc-integrated-climate-science/admission/apply-now.html>). In case of technical difficulties it is possible to send the application by mail [sicss@uni-hamburg.de](mailto:sicss@uni-hamburg.de)



Please note that your application can only be considered if your complete application documents reach the application address 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 special application directly via the online application form 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](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:

- Grade of the B.Sc. degree
- Quality of the Letter of Motivation

If applicants

- can prove they have covered courses worth at least 20 CP in topics such as Biogeochemistry, Economics, and / or Social Sciences,
- have work experience of at least 6 months in the field of Climate Sciences,
- have lived abroad for at least 6 months, or
- have published as lead author in a journal listed at ISI,

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: [www.uni-hamburg.de/auswahl-master](http://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](http://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. Detailed information about the enrollment process is provided at [www.uni-hamburg.de/masterenrollment](http://www.uni-hamburg.de/masterenrollment).



Universität Hamburg

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FAKULTÄT

MATHEMATIK, INFORMATIK  
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