

Chemistry 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 master's program in Chemistry at the University of Hamburg is a two-year, research-oriented program taught in English. It is designed to provide students with comprehensive theoretical knowledge and practical skills across all major areas of chemistry, concluding in an independent research project.

The program begins with an introductory phase lasting one semester, during which the students receive extensive instruction in inorganic, organic, physical, macromolecular and technical, theoretical chemistry, as well as spectroscopy. These lectures aim to establish a strong conceptual understanding. Complementing the lectures, students participate in an advanced laboratory course focusing on inorganic, organic, physical, as well as macromolecular and technical chemistry, which comprises more than 250 hours of hands-on lab work. This laboratory work takes place during the first and second semesters.

Following the introductory phase, students enter the advanced phase of the program. During this period, they have the opportunity to deepen their knowledge by selecting research-oriented modules covering a broad spectrum of chemistry-related topics. These modules enable students to tailor their studies according to their individual interests and career goals, reflecting current trends and developments in the field.

The program concludes with a six-month master's thesis, during which the students undertake an independent research project in a subject area of their choice. This research work provides valuable experience in scientific investigation and academic writing, preparing students for future research or professional careers in chemistry.

Detailed information about the master's program in Chemistry is available at:

<https://www.chemie.uni-hamburg.de/studium/master/chemistry-msc.html>

Admission Requirements

Prospective students seeking admission to the master's program in Chemistry are expected to demonstrate a comprehensive understanding of the discipline, with particular emphasis on inorganic, organic, and physical chemistry. This includes both theoretical knowledge and practical laboratory experience. Moreover, applicants need to have very good command over the English language in order to follow lectures and exams.

We can only consider your application if the following three conditions are met. Otherwise, your application will be automatically rejected.

1. You meet the minimum requirements (see below).

2. Your application includes all required documents.
3. You submit your application within the application period on the STiNE portal. The application period opens on February 15th and closes on March 31st 11:59 pm C.E.T.

The minimum requirements are:

- 1) A Bachelor's degree in Chemistry from the University of Hamburg or an equivalent program at another university.
- 2) Successfully passing the course-specific online test.
- 3) Proof of English language proficiency:
 - Proof of proficiency in English at a B2 level in the Common European Framework of Reference for Languages through a course at an accredited institution or
 - International English Language Testing System (IELTS) Academic Test with a score of at least 5.0 or
 - Test of English as a Foreign Language (TOEFL) internet-based test with a score of at least 72 points or
 - Cambridge Certificate of Advanced English (CAE), of Proficiency in English (CPE), Higher Business English Certificate (BEC), First Certificate in English (FCE) or
 - A higher education degree in an English-language degree program or
 - A higher education entrance qualification for English-language higher education institutions or
 - Seven years of English instruction at a German school.

Please note that meeting the minimum requirements does not guarantee admission to the Master's program in Chemistry.

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.

Klicken oder tippen Sie hier, um Text einzugeben.

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

This list includes all the documents you must submit during the application process to demonstrate that you meet the formal requirements. Your application must be complete; emails with additional information or explanations will not be forwarded to the selection committee.

- Your degree certificate and transcript of records
- Description of the modules/courses completed during your first degree (e.g., module handbook)
- Proof of English language proficiency (see above)
- A letter of motivation (max. 1 page). Please use the template provided: <https://www.chemie.uni-hamburg.de/studium/master/chemistry-msc/letter-of-motivation.pdf>
- The completed questionnaire on practical experiences (laboratory work). Please use the template provided: <https://www.chemie.uni-hamburg.de/studium/master/chemistry-msc/lab-experiences.pdf>
- A summary of your final thesis (max. 1 page)
- A brief Curriculum Vitae
- Additional certificates* (e.g., letter of recommendation, publications, scholarships received)
- Additional information for the conversion of your grade to the German grading system*

* Optional documents

Selection criteria

If the number of applications meeting the admission requirements exceeds the available places, selection will be based on the following criteria:

- The result of your bachelor's degree (40%)
- The result of the course-specific online test (20%)
- The result of the personal interview (30%)
- The quality of your letter of motivation (10%)



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.

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