



Universität Hamburg

DER FORSCHUNG | DER LEHRE | DER BILDUNG

**OFFICIAL TRANSLATION OF
Änderung der Satzung über besondere
Zugangsvoraussetzungen für die
Studiengänge der Fakultät für Mathematik,
Informatik und Naturwissenschaften**

(Amtliche Bekanntmachung Nr. 2 vom 20. Januar 2026)

**THIS TRANSLATION IS FOR INFORMATION ONLY –
ONLY THE GERMAN VERSION SHALL BE LEGALLY VALID AND
ENFORCEABLE!**

**Amendment to the Bylaws Regarding the Special Conditions
of Admission for Degree Programs in the Faculty of
Mathematics, Informatics and Natural Sciences**

dated 19. November 2025

On 16 December 2025 in accordance with Section 108 subsection 1 of the Hamburg higher education act (Hamburgisches Hochschulgesetz — HmbHG) dated 18 July 2001 (HmbGVBl p. 171), last amended on 19 February 2025 (HmbGVBl. p. 241), the Executive University Board of the University of Hamburg ratified the Bylaws Regarding the Special Conditions of Admission for Degree Programs in the Faculty of Mathematics, Informatics and Natural Sciences adopted by the Faculty Council of the Faculty of Mathematics, Informatics and Natural Sciences on 19 November 2025 pursuant to Section 91 subsection 2 number 1 HmbHG.

I.

The Bylaws Regarding the Special Conditions of Admission for Degree Programs in the Faculty of Mathematics, Informatics and Natural Sciences dated 21 Ma 2025 are amended as follows:

1. **Section 1 A. Bachelor's degree programs, Section 12 Bachelor's degree program in Nanosciences is replaced as follows:**

"12. Bachelor of Science in the Physics and Chemistry of Nanomaterials

The following special conditions of admission apply to the Bachelor of Science in the Physics and Chemistry of Nanomaterials:

Confirmation from the applicant that they have sufficient English proficiency to follow classes in English, read specialist literature, and take attendant oral and written examinations in English, as required."

2. **Section 1 B. Master's degree programs subsection 3 Master of Science in Biology, subsection 3.2 is replaced as follows:**

"3.2 Applicants must have English language skills at level B2 of the Common European Framework of Reference for Languages. This must be demonstrated by

- a) International English Language Testing System (IELTS) Academic Test with a score of 5.0 or higher, or
- b) Test of English as a Foreign Language (TOEFL) internet-based test (IbT) with a score of 72 points or higher, or
- c) Cambridge Certificate of Advanced English (CAE), Cambridge Certificate of Proficiency in English (CPE), Higher Business English Certificate (BEC), First Certificate in English (FCE), or
- d) language certificate of at least B2 from a university, or
- e) a higher education degree in an English-language degree program, or
- f) seven years of English instruction at a German-language school."

3. **Section 1 B. Master's degree programs, subsection 16 Master of Science in Marine Ecosystem and Fisheries Sciences is replaced as follows:**

"16. Master of Science in Marine Ecosystem and Fisheries Science

The following special conditions of admission apply to the Master of Science in Marine Ecosystem and Fisheries Science:

16.1 Applicants must demonstrate successful completion of the Bachelor of Science in Marine Ecosystem and Fisheries Sciences or another bachelor's degree program, provided that applicants can demonstrate at least 72 ECTS credits of completed coursework in natural science fundamentals from the following disciplines, which are comparable to the curriculum of the Bachelor of Science in Marine Ecosystem and Fisheries Science at the University of Hamburg:

- a) biology: totaling at least 50 LP credits, and
- b) marine biology: totaling 10 ECTS credits and
- c) chemistry (general, inorganic, organic, and physical chemistry as well as biochemistry) totaling at least 6 ECTS credits and

d) data science (statistics, mathematics, programming) totaling 6 ECTS credits.
ECTS credits in modules for the following subjects may be considered for ECTS credits in marine biology or fully compensate for this area:

- aquatic biogeochemistry
- aquatic sedimentology
- chemical oceanography
- physical oceanography
- marine geology
- meteorology

The selection committee decides in these cases.

16.2 Applicants must have English language skills at level B2 of the Common European Framework of Reference for Languages. This must be demonstrated by

- a) International English Language Testing System (IELTS) Academic Test with a score of 5.0 or higher, or
- b) Test of English as a Foreign Language (TOEFL) internet-based test (iBT) with a score of 72 points or higher, or
- c) Cambridge Certificate of Advanced English (CAE), Cambridge Certificate of Proficiency in English (CPE), Higher Business English Certificate (BEC), First Certificate in English (FCE), or
- d) language certificate of at least B2 from a university, or
- e) a higher education degree in an English-language degree program, or
- f) seven years of English instruction at a German-language school."

4. Section 1 B. Master's degree programs subsection 20 Master of Science in Molecular Plant Science, subsection 20.2 is replaced as follows:

"20.2 Applicants must have English language skills at level B2 of the Common European Framework of Reference for Languages. This must be demonstrated by

- a) International English Language Testing System (IELTS) Academic Test with a score of 5.0 or higher, or
- b) Test of English as a Foreign Language (TOEFL) internet-based test (iBT) with a score of 72 points or higher, or
- c) Cambridge Certificate of Advanced English (CAE), Cambridge Certificate of Proficiency in English (CPE), Higher Business English Certificate (BEC), First Certificate in English (FCE), or
- d) language certificate of at least B2 from a university, or
- e) a higher education degree in an English-language degree program, or
- f) seven years of English instruction at a German-language school."

5. Section 1 B. Master's degree programs, subsection 21 Master of Science in Nanosciences is replaced as follows:

"21. Master of Science in the Physics and Chemistry of Nanomaterials

The following special conditions of admission apply to the Master of Science in the Physics and Chemistry of Nanomaterials:

21.1 A degree from the Bachelor of Science

- a) in Nanosciences or the Physics and Chemistry of Nanomaterials from the University of Hamburg or a comparable degree program from another university, or

- b) a Bachelor of Science in Physics from the University of Hamburg, or a comparable degree program from another higher education institution in which the basic principles of chemistry and advanced knowledge of physical chemistry and/or nanochemistry have been covered, or
 - c) a Bachelor of Science in Chemistry from the University of Hamburg, or a comparable degree program from another university in which the fundamentals of physics and advanced knowledge of nanostructure physics and/or solid state physics have been covered.
- Comparability is determined by the selection committee of the Master of Science in the Physics and Chemistry of Nanomaterials.

21.2 Applicants must have adequate English-language skills. Adequate language proficiency may be demonstrated by any of the following:

- a) 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
- b) International English Language Testing System (IELTS) Academic Test with a score of 5.0 or higher, or
- c) Test of English as a Foreign Language (TOEFL) internet-based test (iBT) with a score of at least 72 points, or
- d) Cambridge Certificate of Advanced English (CAE), Cambridge Certificate of Proficiency in English (CPE), Higher Business English Certificate (BEC), First Certificate in English (FCE), or
- e) a higher education degree in an English-language degree program, or
- f) a higher education entrance qualification for English-language higher education institutions, or
- g) a 6-month stay in an English-speaking country, or
- h) seven years of English instruction at a German-language school, or
- i) equivalent proof. Comparability of proof is determined by the selection committee.”

6. Section 1 B. Master’s degree programs, subsection 23 Master of Science in Physics, subsection 23.2, point i) is replaced as follows:

“i) Equivalent proof. Comparability of proof is determined by the selection committee.”

7. Section 1 B. Master’s degree programs, the following subsection is added:

“28. Master of Science in Chemistry

The following admission requirements apply to the Master of Science in Chemistry:

28.1 The Bachelor of Science in Chemistry from the University of Hamburg, or a comparable degree program from a higher education institution. Comparability is decided by the selection committee for the Master of Science in Chemistry.

28.2 Applicants must have sufficient knowledge in recognizing and assessing hazards in the chemistry laboratory, in handling hazardous compounds, and in carrying out standard procedures in the chemistry laboratory. This is demonstrated by passing the subject-specific aptitude test.

The subject-specific aptitude test is carried out digitally and assessed according to the grading scale of the examination regulations that apply to the Master of Science in Chemistry. The test is deemed to have been failed if the grade is “insufficient” (5.0).

28.3 Applicants must have adequate English-language skills. Adequate language proficiency may be demonstrated by any of the following:

- a) proof of proficiency in English at B2 level in the Common European Framework of Reference (CEFR)/TELC
 - b) International English Language Testing System (IELTS) Academic Test with a score of 5.0 or higher, or
 - c) Test of English as a Foreign Language (TOEFL) internet-based test (iBT) with a score of at least 72 points, or
 - d) Cambridge Certificate of Advanced English (CAE), Cambridge Certificate of Proficiency in English (CPE), Higher Business English Certificate (BEC), First Certificate in English (FCE), or
 - e) a higher education degree in an English-language degree program, or
 - f) a higher education entrance qualification for English-language higher education institutions, or
 - g) seven years of English instruction at a German-language school, or
- equivalent proof Comparability of proof is determined by the selection committee for the Master of Science in Chemistry.”

II.

This amendment becomes effective on the day following official publication by the University of Hamburg. They first apply to students commencing their studies in Winter Semester 2026/2027.

Hamburg, 20 January 2026
University of Hamburg