



Subject-specific study and examination regulations of Hamburg University of Technology for the international master's program "Materials Science and Engineering"

May 21, 2025

Preamble

On August 27, 2025, the Board of Hamburg University of Technology (TU Hamburg) approved the study and examination regulations for the international master's program "Materials Science and Engineering" proposed by the Board of Study of the School of Mechanical Engineering at TU Hamburg on May 21, 2025, on the basis of Section 85 (1) No. 1 of the Hamburg Higher Education Act (HmbHG) of July 18, 2001 (HmbGVBl. p. 171), last amended on February 19, 2025 (HmbGVBl. p. 241), for the international master's program "Materials Science and Engineering" leading to the degree of "Master of Science" in accordance with Section 108 (1) sentence 3 HmbHG.

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§ 1 Scope

- (1) These subject-specific study and examination regulations (FSPO) apply to the "Materials Science and Engineering" degree program leading to a Master of Science degree.
- (2) These subject-specific study and examination regulations (FSPO) apply in addition to the general study and examination regulations for bachelor's and master's degree programs at the Technical University of Hamburg (ASPO) dated November 22, 2017, in their currently valid version.

§ 2 Responsibilities

- (1) School of Study
The School of Mechanical Engineering is responsible.
- (2) Examination
The Examination Board of the Board of Study of the School of Mechanical Engineering is responsible.
- (3) Subject advising
Subject advisors are appointed by the Board of Study of the School of Mechanical Engineering.

§ 3 Academic degree

Upon passing the master's examination, the academic degree "Master of Science" (M.Sc.) is awarded.

§ 4 Examinations and coursework

The examinations and any coursework required for the Master of Science degree are specified in terms of type and number of credit points in the study plan attached to the FSPO.

§ 5 Research paper

- (1) § 20 ASPO applies.
- (2) The research paper is weighted with 12 credit points. The topic and supervision must be based on this.

- (3) The processing period is a maximum of six months.
- (4) Upon justified request, the examination board may extend the processing time by up to one month; the actual amount of work required is determined by the number of credit points and remains unaffected by this.

§ 6 Final thesis

- (1) § 21 ASPO applies.
- (2) ¹In addition to paragraph 1, the thesis must be assigned, supervised, and evaluated by an expert university lecturer or a habilitated member of the TUHH who belongs to the School of Mechanical Engineering or is involved in the international master's program "Materials Science and Engineering." ²With the approval of the chair of the examination board, the thesis may be assigned, supervised, and evaluated by an expert university lecturer or a habilitated member of the TUHH who is not a member of the School of Mechanical Engineering or involved in the international master's program "Materials Science and Engineering." ³In this case, the second examiner must be an expert university lecturer or a member of the TUHH with postdoctoral qualifications who is a member of the School of Mechanical Engineering or is involved in the international master's program in Materials Science and Engineering. ⁴The application for this must be submitted in writing to the chair of the examination board via the examination office.
- (3) The overall grade for the thesis is based on 80% of the written work and 20% of the presentation and subsequent discussion.

§ 7 Non-technical supplementary courses

As part of the module "Non-technical supplementary courses in the Master's program," the course "German as a Foreign Language for International Master's Programs" (4 credit points) is mandatory for all students who do not provide proof of German language proficiency in accordance with Appendix 1, Section A of the Statutes for Studying at the Hamburg University of Technology.

§ 8 Entry into force

- (1) This FSPO shall enter into force on October 1, 2025.

(2) ¹The study plans for the international master's program "Materials Science and Engineering" at TU Hamburg in their current versions are attached to and form an integral part of this FSPO. ²The entry into force and expiry of the study plans are regulated in the annexes.

May 21, 2025

Hamburg University of Technology