Legal note

This document constitutes a non-official translation of the admission regulations for the Master's degree programme "Materials and Process Research: Interdisciplinary Innovation and Sustainability".
Only the German version (German: Aufnahmeordnung für den Masterstudiengang "Materials and Process Research: Interdisciplinary Innovation and Sustainability" an der Universität Bremen) dated July 1, 2026 (including all changes as well as corrections) is binding.

Translation: MAPEX Coordination

Admission Regulations for the Master's degree programme "Materials and Process Research: Interdisciplinary Innovation and Sustainability" at the University of Bremen
Of 1 July 2026

The Rector of the University of Bremen approved the admission regulations for the Master's degree programme "Materials and Process Research: Interdisciplinary Innovation and Sustainability" in the following version on 2 July 2026 in accordance with Section 110 Paragraph 3 of the Bremen Higher Education Act (BremHG) in conjunction with Section 33 Paragraph 6 BremHG in the version of the announcement of 9 May 2007 (Brem.GBl. p. 339), last amended by the law of 1 April 2025 (Brem.GBl. p. 382), and Section 3 Paragraph 2 of the Bremen Higher Education Admissions Act (BremHZG) in the version of the announcement of 9 November 2010 (Brem.GBl. p. 548), last amended by the law of 28 February 2023 (Brem.GBl. p. 68, 93).

§ 1
Admission requirements and procedures

(1) Admission requirements for the Master's degree programme "Materials and Process Research: Interdisciplinary Innovation and Sustainability" (short title "ProMat") are:

a) A first higher education degree qualifying for a profession in one of the following degree programmes:
Engineering sciences, physics, chemistry, mathematics or computer science (e.g.: Automation Technology, Bionics, Chemistry, Chemical Engineering, Computational Engineering, Electrical Engineering, Energy Systems, Geology, Geosciences, Wood Technology, Industrial Engineering, Computer Science, Information Technology, Engineering Sciences, Aerospace Engineering, Mechanical Engineering, Materials Engineering, Mathematics, Mechatronics, Medical Technology, Mineralogy, Nanosciences, Optical Technologies, Physics, Process Engineering, Production Engineering, Systems Engineering, Industrial Mathematics, Environmental Engineering, Process Technology, Materials Science and Engineering, Industrial Engineering and Management),
or in a degree programme that shows no significant differences in content, scope and

requirements to the aforementioned ones, with performances comprising at least 180 credit points (CP) according to the European Credit Transfer and Accumulation System (ECTS), or performances that show no significant differences in content, scope and requirements to those.

b) Knowledge of the English language corresponding at least to level B2 of the Common European Framework of Reference for Languages (CEFR). The proof is also deemed to have been provided if applicants acquired their university entrance qualification or their last higher education degree in the English language.

c) A maximum 2-page essay which, in addition to a summary (maximum half an A4 page) of previous scientific work, contains explanations about one's own research interest and possible own research ideas as well as justifies the special interest in the degree programme. The summary of previous scientific work can, for example, contain a synopsis of the Bachelor's or Master's thesis or another term paper written during previous studies on a topic that has a content-related connection to the study programme.

d) Proof of special aptitude for the degree programme, which is determined in accordance with Section 4 Paragraph 1 and Paragraph 2. At least 30 points must be achieved in this process.

(2) The selection committee decides on the recognition of performances or degree programmes in accordance with Paragraph 1 Letter a.

(3) An application can also be made if the previous degree programme has not yet been completed by the application deadline of a given year, but performances comprising at least 120 CP have been achieved. If the application fulfils the other admission requirements in accordance with Section 1 Paragraph 1 Letters a, c and d, admission may be granted on the condition that all performances for the first higher education degree qualifying for a profession and the proof of language skills are provided no later than two weeks after the start of courses in the Master's degree programme. The corresponding certificates and transcripts, which simultaneously prove the passing of the final examination, must be submitted by 31 December (for studies commencing in the winter semester) or 30 June (for studies commencing in the summer semester) of the same year at the latest.

(4) The Student Office checks the presence of the formal admission requirements. If the admission requirements necessary for the degree programme are fulfilled, the applicant will be admitted to the degree programme, provided that the number of applications does not exceed the admission number in accordance with Section 4 Paragraph 3.

§ 2
Start of the semester

Applicants for the Master's degree programme "Materials and Process Research: Interdisciplinary Innovation and Sustainability" are admitted to the University of Bremen for the winter and summer semesters respectively. The start of the semester is 1 October and 1 April

respectively. Advanced students are admitted for the respective summer semester and winter semester; the start of the semester is 1 April and 1 October respectively.

§ 3
Form and deadline of applications

(1) The application and the proofs in accordance with Section 1 must be submitted electronically by the application deadline. Further details can be found on the internet pages of the University of Bremen at www.uni-bremen.de/master.

(2) For enrolment, but no later than two weeks after the start of courses in the Master's degree programme, the proofs mentioned in Paragraph 3 must be submitted in paper form. German-language translations must be attached to documents that are not written in the German or English language. The translations must have been carried out by a translation agency officially sworn, certificated or authorised in Germany.

(3) The following proofs must be submitted in paper form:
* Declaration of acceptance,
* Proofs of all admission requirements specified in Section 1,
* Presentation of the previous course of study (performances in CP, Transcript of Records or a comparable document).

(4) The application of an advanced student must additionally be accompanied by proof of performances creditable to the Master's degree comprising at least 10 CP:
* For an application as an advanced student for the summer semester, this proof must be submitted by 15 October if the degree programme is subject to admission restrictions, otherwise no later than two weeks after the start of courses in the Master's degree programme.
* For an application as an advanced student for the winter semester, this proof must be submitted by 15 March if the degree programme is subject to admission restrictions, otherwise no later than two weeks after the start of courses in the Master's degree programme.

(5) The application deadline for the winter semester is 15 March and for the summer semester 15 October. The specified deadlines are final deadlines.

§ 4
Selection of applicants

(1) Aptitude in accordance with Section 1 Paragraph 1 Letter d must be proven via the procedure in accordance with the following Paragraph 2.

(2) A maximum of 70 points can be achieved in the procedure for determining special aptitude for the degree programme in accordance with Section 1 Paragraph 1 Letter d. The allocation of points is carried out by the degree programme's selection committee in accordance with Section 5 as follows:

a) Maximum 50 points: Overall grade of the previous degree or the grade average achieved at the time of application (at least 120 CP). Here, the grades are converted into points as follows:
1.0 - 1.1: 50 points
1.2 - 1.3: 40 points
1.4 - 1.7: 30 points
1.8 - 2.0: 20 points
2.1 - 2.3: 10 points
2.4 - 4.0: 0 points

b) Maximum 20 points: written essay on previous scientific work, on one's own research interest and own research ideas as well as on the special interest in the degree programme (see Section 1 Paragraph 1 Letter c). Here, the contents are assessed with points as follows:
0 - 5 points: Quality and subject-specific aptitude of the summary of previous scientific work.
0 - 5 points: Written presentation of one's own research interest, evaluated according to the plausibility of the justification, degree of reflection, fit to the research profile at the University of Bremen.
0 - 5 points: Outline of own research ideas, degree of innovation of these ideas as well as a recognisable individual degree of methodological competence.
0 - 5 points: Justification of the special interest in the degree programme "Materials and Process Research: Interdisciplinary Innovation and Sustainability".

At least 30 points must be achieved in the procedure for determining special aptitude. Applicants whose application is not evaluated with at least 30 points will be excluded from the procedure.

(3) The number of study places may be restricted and will be set anew annually if necessary. If the number of applicants who fulfil the admission requirements according to Section 1 exceeds the available capacities, selection interviews in accordance with Paragraph 4 will be conducted and subsequently a ranking order in accordance with Paragraph 6 will be formed, according to which the study places will be allocated.

(4) In the case of admission restrictions, the selection committee in accordance with Section 5 forms a ranking order for an invitation to a selection interview on the basis of the evaluation carried out in accordance with Paragraph 2. All applicants whose documents are evaluated with 30 or more points will receive an invitation to this guideline-based, digitally supported interview, which is conducted and evaluated in accordance with Paragraph 5.

(5) A maximum of 30 points can be achieved in the selection interview. The contents of the application interview and at the same time criteria for its evaluation are:
0 - 5 points: Clarity in presenting the personal and subject-specific reasons for choosing the subject of study,
0 - 5 points: subject-specific knowledge,
0 - 5 points: methodological knowledge,
0 - 5 points: communication skills,

0 - 5 points: ability to work in international and interdisciplinary groups,
0 - 5 points: ability to reflect and meta-competences in relation to the use of AI tools in scientific work.

Written protocols will be drawn up detailing the course of the procedure, which must show the date and location of the selection interview, names of the participating members of the selection committee, name of the applicant as well as the evaluation. Technical disruptions will lead to the applicant being contacted again.

(6) In the case of admission restrictions, the selection committee forms a total sum of the points achieved by the applicant in accordance with Paragraph 2 and Paragraph 5. A maximum total of 100 points can be achieved. With these points, a ranking order for admission is formed, according to which the study places are allocated.

(7) A selection based on hardship considerations is possible. The study places of the hardship quota (5 per cent) are allocated upon application to applicants for whom non-admission would mean exceptional hardship. Exceptional hardship exists under the conditions of Section 31 of the Ordinance on the Allocation of Study Places particularly when special social or family reasons in the person of the applicant compellingly require the immediate commencement of studies. The ranking order is determined by the degree of exceptional hardship.

(8) The Rector of the University of Bremen decides on admission to the degree programme and appeals against rejection notices.

§ 5
Selection committee

A selection committee is deployed to perform the tasks assigned by these regulations. The members of this committee are appointed by the Joint Decision-Making Body (GbA). It consists of:
* 3 university lecturers active in the degree programme,
* 1 academic staff member and
* 1 student.

The term of office of the university lecturers and the academic staff members on the committee is two years; the term of office of the student representative is one year. All members of the selection committee are entitled to vote.

§ 6
Entry into force

These regulations enter into force on the day following their approval by the Rector. They will be published in the Official Bulletin of the University of Bremen and apply to admissions from the winter semester 2027/28 onwards.

Approved, Bremen, 2 July 2026

The Rector
of the University of Bremen