

The following admission regulations were examined
and adopted in the 461st meeting
of the Senate on 10 December 2025.

Only the German version of this document is legally
binding!

Prof. Dr. Ulrich Brecht
Vice-Rector for Learning and Teaching

Admission regulations of Heilbronn University regarding the selection process for the Master's degree programme

Intelligent Mechatronic Systems dated 10 November 2025

On the basis of Sections 59 (1) sentence 2, 63 (2) sentences 1 and 3, 19 (1) sentence 2 number 10 of the State Higher Education Act (LHG) in the version dated 1 April 2014 (GBl. p. 99), in its currently valid version, and §§ 6 to 9 of the Higher Education Admission Act (HZG) of 15 September 2005 (GBl. p. 629), in its currently valid version, and §§ 19 et seq. of the Higher Education Admission Ordinance (HZVO) of 2 December 2019 (GBl. p. 489), the Senate of Heilbronn University adopted the following statutes on 10 December 2025.

§ 1 Scope

- (1) These statutes apply to the selection process for the above-mentioned degree programme in accordance with Section 6 (4) HZG. Study places are allocated after deduction of the advance quotas in accordance with § 6 (4) sentence 6 in conjunction with paragraph 1 sentence 2 number 1 (hardship quota) and number 4 (local ties in the public interest) according to the results of the university's own selection procedure in accordance with the following provisions, in particular the criteria set out in § 4.
- (2) In all other respects, the provisions of the General Admission and Enrolment Regulations of Heilbronn University dated 5 May 2020, as amended, shall apply.
- (3) The application for admission must be received (cut-off dates):
 - by 15 January for the summer semester
 - by 15 July for the winter semester.

Upon decision of the Dean's Office and with the approval of the Academic Department, these application deadlines may be shortened:

- to 1 December for the summer semester
- to 15 June for the winter semester

A shortening of the application deadlines will be announced on the programme's homepage

- until 1 October for the summer semester
- until 1 April for the winter semester

§ 2 Selection procedure

- (1) Only those who
 - a) have applied for a place on the programme in due time and form,
 - b) meet the admission requirements in accordance with § 59 (1) LHG and
 - c) are not participating in the allocation procedure within the framework of a quota to be deducted in advanceare taking part in the selection procedure.
- (2) If the number of qualified applications exceeds the total number of available study places, the selection committee shall draw up a ranking list in accordance with § 5.

§ 3 Selection committee

- (1) A selection committee shall be appointed to prepare the selection decision.
- (2) The faculty council of the faculty to which the relevant degree programme is assigned,

appoints the selection committee. The selection committee consists of two members who are full-time academic staff of the faculty. At least one of the two members must belong to the group of professors. The faculty council additionally appoints two deputy members from the faculty. Membership of the selection committee ends upon leaving the respective faculty; the faculty council appoints a successor.

§ 4 Entry requirements

To the above-mentioned courses one can be admitted if the following requirements are met:

1. Proof of a domestic or foreign university degree, at least a bachelor's degree or an equivalent degree within the meaning of § 29 (2) sentence 5 LHG ("degree") with a workload of at least 210 ECTS credits. Applicants with degrees of at least 180 ECTS credits may only be admitted under the conditions specified in § 7 (2) if study places are likely to remain available due to the non-acceptance of admission in the cases referred to in sentence 1. In order to ensure that the competence objectives are achieved, the number of applicants admitted under sentence 2 shall not exceed 40% of the capacity of the first semester.
2. The first degree relevant for admission under number 1 shall comprise a professionally qualifying degree in engineering or a comparable degree with a predominant engineering component (at least 50% of the subject content).
3. Proof of a degree with honours in the university course specified for admission under number 1. A degree with a grade of 2.5 or better is considered a degree with honours. In particularly justified cases, exceptions may be granted if the applicant's previous professional training, professional activities or other special prior knowledge give reason to expect that he or she is particularly suitable for the Master's programme. Exceptions may not exceed 20% of the admission capacity. The selection committee decides on exceptions in a selection interview scheduled for this purpose. The selection interview with at least two members of the selection committee lasts at least 30 minutes and is recorded in writing.

In the case of a foreign university degree, a distinction may also be assumed if an ECTS grade of "B" or better, determined in accordance with the applicable rules of the European Commission, is provided.

Applicants who have not yet been issued with a bachelor's degree certificate by the application deadline in accordance with § 2, must enclose with their application the certificate "Provisional bachelor's degree certificate for application for a place in a master's degree programme" in accordance with § 3 No. 11 of the General Admission and Enrolment Regulations of Heilbronn University.

4. Good command of the English language. The required English language skills are deemed to have been demonstrated if an English-language school leaving certificate or other English-language university entrance qualification equivalent or a professionally qualifying degree from at least three years of university study with English-language coursework and examinations amounting to at least 180 ECTS or equivalent has been obtained. Proof must be provided in German or English. Furthermore, English language skills can be proven by means of a recognised certification procedure. The certification procedures are listed in Appendix 1 "Certification procedures in English for English-language degree programmes". In

addition, § 3 (7) of the general admission and enrolment regulations of 24 April 2024 applies.

§ 4a Admission requirements

The admission requirement is the professional aptitude for the respective degree programme.

Professional suitability is demonstrated by applicants who, as part of their degree programme in accordance with § 4 No. 2, have acquired knowledge and skills that are equivalent in scope and level to those of the respective undergraduate Bachelor's programme at Heilbronn University and meet the professional requirements for the Master's programme for which admission is sought.

The selection committee pursuant to § 3 determines the required skills on the basis of the documentation of an engineering project completed by the applicant and submitted with the application. The documentation must be written in English and be between 10 and 40 pages in length. The documentation must include a summary (abstract) of no more than 500 words. If the required skills are not met, the applicant will not participate in the selection process.

§ 5 Selection procedure and selection criteria

- (1) Study places are allocated based on the results of a selection process.
- (2) In the selection procedure, the application documents submitted by the applicants are evaluated according to the following criteria:
 1. Academic performance (final grade) in the degree relevant for admission under § 4.
 2. For every tenth of a grade that the bachelor's degree is better than 2.5, the applicant receives ten admission points. The maximum number of points that can be achieved in this way is 150 admission points.
 3. The selection committee awards 0 to 150 admission points for the documentation submitted by the applicant for an engineering project they have worked on (see §4).
- (3) The admission points from paragraph 2 no. 2 and paragraph 2 no. 3 are added together.
- (4) When allocating study places, applicants with the highest number of admission points are given priority. In the event of a tie, the applicant with the better final grade according to paragraph 2 no. 1 is selected.

§ 6 Application documents

To apply for a place to study, a special application for admission must be submitted online. The following documents in German or English must be enclosed with this application:

1. Copies of the original documents of the university degree referred to in § 4 No. 1 and an overview of the subjects with individual grades (transcript of records). If the originals were issued in a language other than German or English, translations into German must be enclosed.

2. Proof of the required language skills by submitting language certificates. The language certificate must be submitted as a copy of the original document.
3. Documentation of an engineering project completed by the applicant.

§ 7 Admission subject to conditions

- (1) Applicants with degrees worth 210 ECTS credits will be admitted to the programme after submitting a proper application in accordance with §§ 1 and 6, provided they meet the requirements of § 4 and after a selection decision in accordance with §§ 3 and 5.
- (2) Applicants with degrees worth less than 210 ECTS credits, but at least 180 ECTS credits, will be admitted to the programme subject to conditions after submitting a proper application in accordance with §§ 1 and 6, fulfilling the requirements of § 4 and following the selection decision in accordance with §§ 3 and 5. Admission subject to conditions obliges the applicant to acquire the ECTS credits missing to meet the entry requirements (210 ECTS credits) before completing the Master's programme. This is in accordance with the decision of the examination board responsible for this programme and in accordance with the requirements of the study and examination regulations for the bachelor's degree programmes at Heilbronn University on which the master's degree programme is based.

§ 8 Entry into force

- (1) These statutes shall enter into force on the day after their publication in the official announcements of Heilbronn University.
- (2) These admission regulations apply for the first time to the admission procedure for the winter semester 2026.

Heilbronn, 10 December 2025

Signed:

Prof. Dr.-Ing. Oliver Lenzen
Rector

The statutes are hereby publicly announced in accordance with the Heilbronn University of Applied Sciences' publication statutes dated 28 June 2017.

Heilbronn, 10 December 2025

Signed:

Prof. Dr. Ulrich Brecht
Vice-Rector for Learning and Teaching

Appendix to the Admission Regulations of Heilbronn University on the selection procedure for the Master's programme

Intelligent Mechatronic Systems

Appendix 1:

Certification procedure in English for English-language degree programmes

Unless English is the applicant's native language, English language proficiency must be demonstrated by a TOEFL test score of at least 79 points. The following are recognised as equivalent: First Certificate in English (FCE) with a minimum grade of C (passed), TOEIC test with a minimum score of 730 points or IELTS test level 6.0 or Oxford Test of English with a total score of at least 120 and level B2 in all modules, or at least one year of continuous residence in an English-speaking country, as evidenced by studies at an English-speaking university, work certificates or similar documents.