**Admission Regulations for the Master's Program
„Artificial Intelligence and Intelligent Systems"
at the University of Bremen**

From 5. July 2023

On July 25, 2023, the President of the University of Bremen has approved, in accordance with § 110 section 3 of the Bremen University Act (BremHG) in conjunction with § 33 section 6 BremHG in the version of the Announcement of May 9, 2007 (Brem.GBI. p. 339), last amended by Article 1 of the Act of March 29, 2022 (Brem.GBl. p. 159), and § 3 section 2 of the Bremen University Admissions Act in the version of the announcement of November 9, 2010. (Brem.GBl. p. 545), last amended by the Senate's allocation of responsibilities of October 20, 2020 (Brem.GBl. p. 1172), the admission regulations for the master's degree program "Artificial Intelligence and Intelligent Systems" in the following version.

§ 1

Admission Requirements and Procedure

(1) Admission requirements for the Master's degree program "Artificial Intelligence and Intelligent Systems" (short title "Artificial Intelligence") are:

a. a first professional university degree in one of the following:
    - Computer Science,
    - Systems Engineering,
    - Business Informatics,
    - Mathematics,
    - Electrical engineering,
    - Physics

    or in a course of study that does not show any significant differences in content, scope and requirements to the aforementioned, with study achievements of at least 180 credit points (CP) according to the European Credit Transfer and Accumulation System (ECTS), or achievements which do not show any significant differences in content, scope and requirements to the aforementioned.

b. Evidence of at least 90 CP in the area of Computer Science (in particular in the subareas of Mathematics, Artificial Intelligence, Machine Learning, Software Design, Theoretical Computer Science, Programming and/or Project Work) obtained in a prior degree program.

c. English language skills corresponding to at least level C1 of the Common European Framework of Reference for Languages (CEFR). At the time of application, English language proficiency equivalent to at least level B2 of the Common European

Framework of Reference for Languages (CEFR) must be proven. The language certificate can be omitted if applicants have completed their university entrance qualification or the most recent university degree in English

d. A letter of motivation (max. 2 pages) must be submitted stating the particular interest in the Master's degree program "Artificial Intelligence and Intelligent Systems". It should contain information in accordance with § 4 section 3.

(2) The selection committee shall decide on the recognition of academic achievements or courses of study in accordance with Section 1 Letters a and b, as well as assessing Section 1 Letter d.

(3) Applications may be submitted if the previous course of study has not yet been completed by the application deadline, but study and examination achievements of at least 120 CP have been obtained. If the application fulfills the further admission requirements according to § 1 Section 1 Letters a, b and c (proof of B2 English proficiency), admission may be granted on the condition that all study and examination achievements for the first degree qualifying the applicant for admission, including a proof of C1 English proficiency, are completed no later than two weeks after the start of the Master's program. The corresponding certificates and diplomas, including the proof of the final examination, must be submitted by December 31 of the same year at the latest.

(4) The Student Office shall verify if the application meets the formal admission requirements. If it does, the applicant shall be admitted to the course of study, provided that the number of applications does not exceed the number of admissions pursuant to § 4 section 1.

§ 2

Start of Semester

Applicants for the Master's degree program "Artificial Intelligence and Intelligent Systems" are admitted to the University of Bremen in the winter semester. The start of the semester is October 1. Advanced students are admitted to the respective summer or winter semester. Semester start is April 1 for the summer semester and October 1 for the winter semester.

§ 3

Form and Deadline of Applications

(1) The application and the proofs according to § 1 must be submitted electronically by the application deadline. The website of the University of Bremen contains further details: https://www.uni-bremen.de/en/master.

(2) For enrollment, the documents mentioned in section 3 must be submitted in paper form no later than two weeks after the start of the Master's program and, for copies of official documents, must be submitted in the form of an officially notarized hard copy. Documents that are not written in German or English require officially certified translations. Only official certifications from German authorities are accepted. The translations must be made or verified by an officially recognised translation agency.

(3) The following documents must be submitted in paper form:
- Acceptance of the Study Place („Annahmeerklärung"),
- Proof of all admission requirements specified in § 1,
- Proof of knowledge of English in accordance with § 1 Section 1 Letter c: Level B2 at the time of application and level C1 at the beginning of the Master's program.
- Description of the course of studies so far (study and examination achievements with CP, Transcript of Records or comparable documents)
- Letter of motivation in accordance with § 1 Section 1 Letter d

(4) An advanced student applicant is also required to include the proof of at least 10 CP worth of completed courses that can be credited towards the Master's degree:
- For the summer semester, in the case of restricted degree programs, this can be submitted no later than January 15 or, in the case of non-restricted degree programs, up to two weeks after the beginning of the lecture period.
- For the winter semester, it is due on May 31 in the case of restricted programs, and up to two weeks after the beginning of the lecture period in the case of non-restricted programs.

(5) The application deadline for the winter semester is March 15 and for the summer semester (only for advanced students) January 15. These application deadlines apply to first-year students and advanced students. The deadlines stated are cut-off deadlines.

§ 4

Selection of Applicants

(1) Admission may be limited and, if necessary, reassessed on an annual basis. If the number of applicants who meet the admission requirements defined in § 1 exceeds the capacities, an order of priority shall be established as defined in Section 2, according to which admissions will be granted.

(2) A selection committee, formed in accordance with § 5, shall evaluate the application documents on the basis of the evaluation scheme set forth in section 3.

(3) The evaluation scheme for the ranking includes 100 points, distributed according to the following selection criteria:

- Max. 50 points: The overall grade of the previous degree or grade point average achieved at the time of application (min. 120 CP). For this purpose grades are rounded up to one decimal place according to standard rounding rules and converted into points using the following scheme:
  - 1.0 – 1.5   50 Points
  - 1.6 – 2.0   40 Points
  - 2.1 – 2.5   30 Points
  - 2.6 – 3.0   20 Points
  - 3.1 – 3.5   10 Points
  - 3.6 – 4.0   0 Points

- Max. 40 Points: Experience from previous studies in the fields of mathematics, artificial intelligence, machine learning, software design, theoretical computer science, programming and/or project work.

- Max. 10 Points: Content and form of the letter of motivation justifying the interest in the degree program. Criteria for the evaluation of the letter are the specific references to the program "Artificial Intelligence and Intelligent Systems", the clear presentation of your own qualifications and goals, especially with regard to the connection between career path and degree program (e.g. experience from previous studies or projects) as well as the extent to which the study motivations correspond with the orientation of the degree program.

(4) The selection committee shall form a ranking order for admission according to section 3.

(5) Selection on the basis of hardship is possible. The study places of the hardship quota (5 percent) shall be awarded upon application to applicants for whom non-admission would represent an exceptional hardship. Exceptional hardship is defined by the existence of special social or family reasons that make it absolutely necessary for the applicant to begin their studies immediately. The order of priority is determined by the degree of exceptional hardship.

(6) The President decides on the admission to study programs and on appeals against rejections.

§ 5

Selection Committee

A selection committee carries out the tasks associated with these regulations. The members of the selection committee shall be appointed by the faculty council. The committee consists of
- 3 professors active in the study program,
- 1 academic staff member and
- 1 student.

The academic committee members are appointed for two years; the student member for one year. All members of the commission are entitled to vote.

§ 6

Entry into Force

These regulations shall enter into force on the day following their approval by the President. They shall be published in the Official Gazette of the University of Bremen and shall apply to admissions from the winter semester 2024/25.

Approved, Bremen, July 5, 2023

The President
of the University of Bremen