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**Statutes on Admission to the
Master's Program of Computational and Data Science
at Karlsruhe Institute of Technology (KIT)**

dated April 28, 2026

Pursuant to Article 10, par. 2, No. 5 and Article 20, par. 2 of the Act on Karlsruhe Institute of Technology (KIT-Gesetz, KITG) of July 14, 2009 (Bulletin, pp. 317), last amended by Article 2 of the 5th Act on the Amendment to University Regulations (5. Hochschulrechtsänderungsgesetz) of November 12, 2024 (Bulletin 2024, No. 97, pp. 47) and Article 59, par. 1 and Article 63, par. 2 of the Act of Baden-Württemberg on Universities and Colleges (Landeshochschulgesetz – LHG) of January 01, 2005 (Bulletin, pp. 1), last amended by Article 1 of the 5th Act on the Amendment to University Regulations of November 12, 2024 (Bulletin 2024, No. 97, pp.1), the KIT Senate adopted the following Statutes on March 16, 2026.

Article 1 - Scope

(1) The present Statutes govern admission to the Master's Program of Computational and Data Science in the first or higher semesters at Karlsruhe Institute of Technology (hereinafter referred to as KIT).

Article 2 - Deadlines

(1) Students can be enrolled for the winter semester or the summer semester.

(2) The application for enrollment, including all required documents, must be submitted to KIT

- by **September 30 of a year** for the **winter semester**,
- by **March 31 of a year** for the **summer semester**.

Applications for admission by foreign applicants who are not treated on equal terms with German applicants according to Art. 1, par. 2 of the Ordinance on Admission to Universities (Hochschulzulassungsverordnung, HZVO), inclusive of all documents required, must be submitted to KIT

- by **July 15 of a year** for a start of studies in the **winter semester**,
- by **January 15 of a year** for a start of studies in the **summer semester**.

Article 3 - Form of Application

(1) The form of application must be in compliance with the general provisions valid for the admission and enrollment procedure and outlined in the valid Admission and Enrollment Regulations of KIT.

(2) The following documents must be enclosed with the application:

1. A copy of the bachelor's certificate or equivalent degree according to Art. 5, par. 1, No. 1 as well as of the diploma supplement and transcript of records with the ECTS (European Credit Transfer System) credits achieved being indicated;
2. proofs of the minimum knowledge and achievements required in Art. 5, par. 1, No. 2, in particular in the form of the transcript of records, including the completed form to check compliance with the admission requirements;

3. a description of the minimum knowledge and achievements specified in Art. 5, par. 1, No. 2, revealing the contents of the studies and learning objectives, in the form of excerpts from module handbooks, a corresponding certificate issued by the university, or a comparable document;
4. a declaration by the applicant as to whether she/he has ultimately failed in an examination required according to the examination regulations or lost the entitlement to an examination for other reasons in the Master's Program of Computational and Data Science or a related program with essentially the same content;
5. a proof of the required language proficiency according to Art. 5, par. 1, No. 4, and
6. the other documents specified in the valid Admission and Enrollment Regulations.

KIT may request submission of the original documents, on the basis of which the decision on admission was made, during enrollment. In case the proofs to be submitted according to the above regulations are not available in German or English, a certified translation into German must be presented.

(3) Enrollment in the Master's Program of Computational and Data Science may also be applied for, if the bachelor's degree has not been conferred until expiry of the application deadline outlined in Art. 2, but the applicant may be expected to complete the bachelor's program in due time before the start of the Master's Program of Computational and Data Science as a result of her/his previous studies and examination achievements.

In this case, the study and examination achievements reached until the time of application must be considered by the decision on admission. The later result of the bachelor's examination will remain disregarded. A certificate of the examination achievements reached until the expiry of the application deadline (e.g. transcript) must be attached to the application.

Article 4 – Admission Committee

(1) To prepare the decision on admission, the KIT Department of Mathematics appoints an Admission Committee consisting of at least two full-time scientific employees, of whom one is a professor. A representative of the students can participate in the meetings of the Admission Committee with an advisory vote. The Admission Committee is chaired by one of its members.

(2) Upon the completion of the admission procedure, the Admission Committee reports the experience gained to the Department Council of the KIT Department of Mathematics. In addition, it makes proposals regarding the improvement and further development of the admission procedure.

Article 5 – Requirements for Admission

(1) For admission to the Master's Program of Computational and Data Science, the following requirements must be met:

1. A bachelor's degree or an at least equivalent degree in the bachelor's program of Computational and Data Science, Mathematics, or Informatics, or in another program related to that of Computational and Data Science with essentially the same content or in a bachelor's program in the areas of economics, chemistry, earth system sciences, mechanical engineering, physics, electrical engineering and information technology, chemical engineering, process engineering, or robotics at a university, a university of applied sciences, or cooperative state university in Germany or at a foreign university; studies must have been completed within a regular study period of at least three years and a minimum of 180 ECTS credits;
2. minimum knowledge and achievements in the following areas:
 - a) Basic mathematics (linear algebra and analysis or higher mathematics) in the amount of 20 credits,
 - b) applied mathematics / mathematics for computational and data science, informatics, and
natural or engineering or economic sciences in one of the profiles of business and economics, computational chemistry, computational earth system sciences, computational mechanics and thermodynamics,

computational physics, electrical engineering and information technology, process engineering, or robotics and autonomous systems;

in one of the areas listed in b), at least 40 credits must be reached; in the two remaining areas, at least 12 credits each must be proved;

- c) a bachelor's thesis or a comparable independent scientific paper in the amount of at least 6 credits.

In case achievements in the total amount of up to 12 credits are lacking in the areas listed in b), the applicant may still be admitted, provided that she/he passes the lacking courses in addition to the coursework and examinations required for the completion of the Master's Program of Computational and Data Science.

Compliance with this requirement must be proved by the end of the 3rd semester at the latest. Such potential requirement is made by the Admission Committee and communicated to the applicant during the admission procedure. Any additionally required examinations are subject to the valid Studies and Examination Regulations for the Bachelor's Program of Computational and Data Science and the condition that a second repetition of ultimately failed examinations in such additional subjects is not permitted;

3. no ultimate failure in an examination required according to the Examination Regulations of the Master's Program of Computational and Data Science or related programs with essentially the same content and no loss of the entitlement to the examination for other reasons;
4. proof of sufficient proficiency in the English language as specified in the valid Admission and Enrollment Regulations of KIT, with a university entrance qualification of a school, where lessons take place in the English language exclusively, being permitted as an alternative proof; English as the only and official language must be confirmed by the director of the school.

- (2) In agreement with the Examination Committee of the Master's Program of Computational and Data Science, the Admission Committee for the Master's Program of Computational and Data Science decides on equivalence of the

bachelor's degree according to par. 1, No. 1, allocation of the bachelor's degree to one of the areas listed in No. 1, existence of the minimum knowledge and achievements outlined in par. 1, No. 2, their recognition and assignment to the coursework and examinations, and the determination of programs with essentially the same content as specified in par. 1, No. 3. The Admission Committee may ask experts from the KIT Departments involved in the Master's Program for their opinions. In case of programs that do not correspond to the ECTS guidelines (ECTS grades and credits), the Admission Committee for the Master's Program of Computational and Data Science decides on compliance with the requirements specified in par. 1, No. 2. For recognition of foreign degrees, the recommendations of the Conference of Ministers of Education and agreements concluded within the framework of university partnerships must be considered.

Article 6 – Decision on Enrollment

(1) Based on the proposal made by the Admission Committee, the President decides on whether the admission and enrollment conditions are fulfilled.

(2) Admission will be refused, if

- a) the application documents were not submitted in due time according to Art. 2 or not complete according to Art. 3,
- b) the requirements outlined in Art. 5 are not fulfilled,
- c) the applicant ultimately failed in an examination required according to the examination regulations or lost the entitlement to the examination for other reasons in the Master's Program of Computational and Data Science or another related program with essentially the same content (Art. 60, par. 2, No. 2 LHG).

In the case of Art. 3, par. 3, enrollment may be promised subject to proof of the bachelor's degree immediately, up to two months upon the start of the semester for which enrollment was requested at the latest. If this proof is not presented in due time, the promise will expire and no enrollment will take place. If the applicant is not responsible for having exceeded the deadline, she/he must provide the respective proof to the Admission Committee in writing. In the justified individual case, the Admission Committee may extend the deadline for submission of the final certificate.

(3) If the applicant does not meet the admission requirements and/or cannot be enrolled, she/he will be informed in writing about the result of the admission procedure. This notification must indicate the reasons and contain an information about the legal remedies available.

(4) The course of the admission procedure must be documented in writing.

(5) As for the rest, the general provisions applying to the admission and enrollment procedure of KIT as specified in KIT's Admission and Enrollment Regulations remain unaffected.

Article 7 – Entry into Force

The present Statutes enter into force on the day after their publication in the official announcements of KIT. They apply to the application procedure for the 2026/27 winter semester for the first time.

Karlsruhe, April 28, 2026

Jan S. Hesthaven
(President)