

The English translation of these regulations is intended solely as a convenience to non-German-reading university members. In the event of any conflict between the English and German text, its structure, meaning or interpretation, the German text, its structure, meaning or interpretation prevail. Only the German version is legally binding.

Admission regulations of the University of Stuttgart for the Master's degree program Engineering Cybernetics International

Dated November 7, 2024

On the basis of Section 59 Para. 1 Sentences 1 and 2 of the Higher Education Act of the state of Baden-Württemberg (Landeshochschulgesetz, LHG) of January 1, 2005 (GBI. 2005, p. 1), last amended by the Act of April 1, 2014 (GBI. p. 99), in conjunction with Section 20 Para. 1 and 3 of the Ordinance on Awarding Admission to Higher Education Programs with Admission Restrictions (Hochschulvergabeverordnung) of January 13, 2003 (GBI. P. 63), last amended by the Act of April 1, 2014 (GBI. p. 262), and Section 5 in conjunction with Section 3 of the Higher Education Admission Act (Hochschulzulassungsgesetz) of September 15, 2005 (GBI. p. 629), last amended by the Act of April 1, 2014 (GBI. p. 99, 168), the Senate of the University of Stuttgart agreed on the following statutes on Mai 15, 2024.

§ 1 Admission requirements

- (1) Admission to the Master's degree program Engineering Cybernetics International requires subject-specific eligibility for the study program. Candidates are considered to have subject-specific eligibility if they have acquired:
 - 1.a) a degree in a Bachelor's degree program (or equivalent degree) comprised of a minimum of six semesters in Engineering Cybernetics or a study program with related content and eligible examination results at a German university or equivalent higher education institution, university of applied sciences, dual university or vocational academy, the degree of which is equivalent to a university of applied sciences degree,
or
 - 1.b) an equivalent degree in this subject area with eligible examination results at a higher education institution in a different country.

In addition, they must have acquired

2. knowledge and skills as part of their degree as per No. 1a) or b) which are equivalent in scope and standard to those of the Bachelor's degree program Engineering Cybernetics and meet the subject requirements for the Master's degree program Engineering Cybernetics International. The skills required are determined by the module catalog of the Bachelor's degree program Engineering Cybernetics.

The recognition of equivalence is subject to the decision of the admissions committee. The provisions of the Bachelor's examination regulations on the recognition of coursework and examinations from other degree programs shall be taken into consideration accordingly.
 3. Candidates must further demonstrate sufficient English language skills for the degree program. Specifically, advanced English language skills of at least level C1 must be proven by officially recognized certificates (e.g. TOEFL iBT 95 points or IELTS Band 7). Candidates are also considered to have sufficient English language skills if they have completed an English-language university entrance qualification or have completed a Bachelor's degree course of at least six semesters in English. Suitable evidence of this must be submitted.
- (2) The admissions committee decides whether the requirements set out in Paragraph 1 have been met and whether the candidate has demonstrated subject-specific eligibility for the Master's degree program Engineering Cybernetics International on the basis of previous examina-

tion results and skills acquired. The procedure and criteria for determining subject-specific eligibility are set out in Annex 1. If the required skills as per Para. 1 No. 2 have only been demonstrated in part, the admissions committee may grant admission subject to requirements in accordance with Para. 3.

- (3) Pursuant to Section 60 Para. 1 Sentence 4 of the Higher Education Act of the state of Baden-Württemberg, the admissions committee may grant admission on condition that modules or skills that have not been demonstrated as laid out in Para. 1 No. 2 must be completed during the candidate's studies. These additional requirements may comprise a maximum of 30 ECTS credits. Fulfillment of the additional requirements must be demonstrated no later than when registering for the Master's thesis.
- (4) In the event of doubt, candidates may further be requested to submit a certificate proving a general university entrance qualification and/or a relevant subject-related university entrance qualification or foreign university entrance qualification recognized by the responsible government agency as being equivalent.

§ 2 Admission procedure, form and deadline for applications

- (1) Admission is only granted for the winter semester. Applications for admission must be submitted to the university by the previous January 15.
- (2) Applications must be submitted in the form prescribed by the Admissions and Enrollment Regulations of the University of Stuttgart. In addition to the supporting documents required by these regulations, the application must include evidence that the requirements as per Section 1 have been met.
- (3) The admissions committee proposes candidates for admission to the Master's degree program Engineering Cybernetics International to the Rector. If the number of eligible candidates in accordance with Section 1 exceeds the total number of available study places (cf. Section 4), the admissions committee will determine a ranking of the eligible candidates. Candidates are ranked on the basis of the admission requirements laid out in Section 1.
- (4) The granting of admission is subject to the decision of the Rector of the University.
- (5) Admission shall be denied if
 1. the application for admission has not been received by the University of Stuttgart in due time and form,
 2. the admission requirements as per Section 1 are not fulfilled.
- (6) The general provisions applicable to the admission procedure remain unaffected.

§ 3 Conditional admission

- (1) In addition to the regular admission procedure as per Section 2, the University of Stuttgart offers candidates who have not yet completed their Bachelor's degree program by the application deadline the possibility of conditional admission, provided that no admission restrictions as per Section 4 Para. 1 apply to the degree program. If the requirements for conditional admission laid out in the following paragraphs are met, the candidate will be granted admission subject to the condition that the Bachelor's degree program is successfully completed. After successfully completing their Bachelor's degree program, students can request to enroll in the Master's degree program Engineering Cybernetics International.
- (2) Students can apply for conditional admission if they are enrolled in a Bachelor's degree program and can prove that they have earned at least 110 ECTS credits by the application deadline.

Alongside their application, candidates must submit a certificate listing the ECTS credits earned in the modules completed up to the time of application, as well as the total number of points and the average grade calculated from this.

- (3) Applications for conditional admission must be submitted by the application deadlines specified in Section 2 Para. 1.
- (4) The admissions committee evaluates whether candidates are likely to meet the requirements as per Section 1 by the time they complete their Bachelor's degree program on the basis of their previous achievements. Insofar as the result of the Bachelor's degree is included in the criteria for candidate selection in accordance with Section 1, the average grade determined by the candidate's previous examination results is used during the application procedure; the result of the Bachelor's degree is not taken into account.
- (5) If the requirements of Paragraph 4 are met, the candidate will be granted conditional admission, provided that there are no other grounds for refusing admission, in particular according to the Admissions and Enrollment Regulations of the University of Stuttgart and the Higher Education Act of the state of Baden-Württemberg in the currently valid version. Admission is valid for the three semesters following the application date and is subject to the condition that the requirements of Section 1 are met by the end of this period. Otherwise the admission expires. Admission may be subject to additional requirements in accordance with Section 1 Para. 3.
- (6) Candidates who have been granted conditional admission can enroll in the Master's degree program as soon as the condition as per Paragraph 5 is fulfilled and the other enrollment requirements of the Admissions and Enrollment Regulations of the University of Stuttgart and the Higher Education Act of the state of Baden-Württemberg in the currently valid version are fulfilled.
- (7) Admission as per Paragraph 5 expires if
 1. the candidate does not request enrollment by the end of the third semester following the application deadline or does not fulfill the requirements for enrollment by this time, or
 2. the candidate loses the right to admission to examinations for the Bachelor's degree program or
 3. the candidate gains admission to another degree program at the University of Stuttgart.

§ 4 Admission quota, admission to higher semesters

- (1) If the number of study places for the Master's degree program Engineering Cybernetics International is limited, the number of free places is determined by the currently valid version of the Admission Quota Ordinance (Zulassungszahlenverordnung) of the state of Baden-Württemberg.
- (2) If admission is restricted in accordance with Para. 1, these statutes apply with the proviso that Section 3 (conditional admission) does not apply. Section 4 Para. 3 applies instead. Furthermore, in this case, in addition to the provisions of these statutes and the regulations of the Admissions and Enrollment Regulations of the University of Stuttgart, the regulations of the Higher Education Admission Ordinance (HZVO) in the currently valid version must be taken into account.
- (3) Candidates who have earned at least 120 ECTS credits in their Bachelor's degree program by the application deadline may be granted admission in accordance with the provisions of the current version of the Higher Education Admission Ordinance, on condition that they provide proof of the completion of their Bachelor's degree and the admission requirements as per Section 1 by the end of the semester (March 31) for which admission is granted. Alongside their application, candidates must submit a certificate listing the ECTS credits earned in the modules

completed up to the time of application, as well as the total number of points and the average grade calculated from this.

(4) Admission to higher semesters is not possible.

§ 5 Admissions committee

The Joint Commission of Mechanical Engineering (GKM) at the University of Stuttgart appoints an admissions committee for the admissions procedure. The admissions committee consists of 5 full-time academic staff members. At least two members must be university professors. At the request of the student members of the faculty council, a student may join the committee in an advisory capacity.

§ 6 Entry into force

These admission regulations enter into force on the day following their publication in the Official Announcements of the University of Stuttgart. They shall first apply to the admission procedure for the 2025/26 winter semester.

Stuttgart, November 7, 2024

Univ.-Prof. Dr.-Ing. Wolfram Ressel

(Rector)

Annex 1

The procedure to determine subject-specific eligibility as per Section 1 Para. 2 consists of two stages.

1. First stage of the procedure to determine subject-specific eligibility:

- 1.1 The admissions committee evaluates the proven subject-specific skills and the previous examination results on a scale of 0 to 120 points.
- 1.2 The admissions committee awards 0 to 100 points for proof of subject-specific skills as per Section 1 Para. 1 No. 2.
- 1.3 For every tenth of a grade better than 3.0 that candidates obtain for their Bachelor's degree, they will be awarded one point. The maximum score is 20 points.
- 1.4 The points from No. 1.2 and 1.3 are added together. Candidates who score more than 99 points fulfill the requirements for subject-specific eligibility. Candidates who score less than 80 points do not fulfill the requirements for subject-specific eligibility and can therefore not be admitted to the degree program.

2. Second stage of the procedure to determine subject-specific eligibility

- 2.1 Candidates who score between 80 and 99 points in the procedure to determine subject-specific eligibility take part in the second stage of the procedure to determine subject-specific eligibility.
- 2.2 Candidates who reach the second stage of the procedure to determine subject-specific eligibility are invited to an interview. The date for the interview is announced by the admissions committee at least one week in advance. Time slots for possible interviews must be decided upon before the application deadline. Candidates who are unable to attend the interview for reasons beyond their control may request a follow-up appointment to be scheduled.
- 2.3 The interview lasts 20 to 30 minutes per candidate and is intended to assess the candidate's subject-specific eligibility for the Master's degree program Engineering Cybernetics International. The results achieved in stage 1 are taken into account when determining subject-specific eligibility.
- 2.4 The admissions committee appoints one or more committees consisting of at least two members to conduct the interviews. One member of each committee must be a university professor.
- 2.5 Interviews as per No. 2.2 and 2.3 can also be conducted via a video and sound connection (video conference) under the following conditions.
 - 2.5.1 The carrying out of interviews via video conference is subject to the decision of the committee appointed by the admissions committee to conduct the interview (examination committee) in accordance with No. 2.4. Interviews via video conference are advisable in particular for candidates whose regular place of residence is abroad. At the candidate's request, the interview must be conducted in person at the University of Stuttgart.

- 2.5.2 Only a video conferencing system approved and centrally provided for this purpose by the University of Stuttgart may be used to conduct interviews via video conference.
- 2.5.3 The examination committee specifies the details of how interviews via video conference should be conducted and must ensure that the examination is carried out in the correct manner. Before the interview begins, the candidate's identity must be verified by means of an official photo ID.
- 2.5.4 The use of a video and sound connection is dependent on a stable and reliable connection, as short a time delay in the transmission as possible, as well as the ability of the candidate and the examination committee to see and hear one another. If the video or audio transmission is demonstrably temporarily disrupted during the interview, the interview shall be continued after the disruption has been rectified. If the technical disruption persists so that the examination committee deems that the interview cannot be continued properly, the interview is terminated at the current stage and rescheduled to a new appointment.
- 2.5.5 The minutes of the interview must include a note that the interview was conducted via video conference, and must detail any disruptions to the video and audio transmission and any termination of the interview due to technical disruptions.
- 2.5.6 Recording the video examination is generally prohibited. The examination committee shall inform the candidate of this.