



Admissions statutes of Ulm University for the consecutive English-taught master's programme in Energy Science and Technology (EST) of 5 April 2022

On the basis of § 60 (2) no. 2, § 63 (2) and § 59 (1 and 2) of the State Higher Education Act (LHG) in the version of 1 January 2005, repeatedly and most recently amended by Article 1 of the Act of 26 October 2021 (law gazette p. 941), the Senate of Ulm University passed the following statutes on 15 December 2021 for entrance to the consecutive English-taught Master's degree programme with unrestricted admission in Energy Science and Technology at Ulm University.

§ 1 Scope of application

In the Master's degree programme in Energy Science and Technology, no admission numbers have been set according to the respective applicable admission numbers ordinance - *Zulassungszahlenverordnung/ZZVO*); an entrance procedure takes place in accordance with the following provisions.

§ 2 Deadlines

Students are admitted once per year to the respective winter semester. Ulm University must receive the application for admission to the winter semester by 15 March of the respective year, including all required documents. The deadline is a legal deadline; it is announced on the Ulm University website for this Master's programme.

§ 3 Form of the application

- (1) The form of the application is governed by the provisions applicable to the admission procedure in the respective admission and enrolment statutes of Ulm University.
- (2) The following documents must be submitted together with the application:
 - a) Proof of
 - the bachelor's degree in the degree programmes in chemistry, chemical engineering, materials science, electrical engineering, physics or equivalent degree at the level of at least three years of study according to § 4 (1 a) together with the Diploma Supplement (if available) and Transcript of Records (ToR)/overview of grades showing the final grade or a ToR with proof of the (provisional) average grade to be determined on the basis of the previous study and examination achievements by the end of the application period, the credit points (ECTS) achieved (to date), if available, as well as an indication of the total number of credit points of the degree programme; the proof must show a grading scale with the best possible grade and the minimum passing grade for completion of the degree programme,
 - studies corresponding to a minimum of 12 courses (with approx. 3 hours of instruction per week/semester as is customary internationally) or equivalent competences from their respective specialisation in previous studies according to a) first indent,

- studies corresponding to a minimum of 2 courses (with approx. 3 hours of instruction per week/semester as is customary internationally) in mathematics and physics, or equivalent competences;
 - basic competences from the fields of natural sciences, chemistry or engineering according to Annex 1 (laboratory competences), to be demonstrated by corresponding modules or courses from the bachelor's degree or equivalent studies or equivalent competences,
- b) a written report in English (letter of motivation) of max. one page in length, which, in addition to the formal quality, shows a convincing explanation of the interest in the Master's degree programme as well as the presentation of the particular aptitude and motivation for this degree programme and expectations for the personal and professional future,
 - c) the academic career, evidenced by certificates and other documents, in particular proof of practical work experience such as completed vocational training, employment or work placements, as well as extra-university achievements that provide special information about the aptitude for this Master's degree programme,
 - d) two letters of recommendation from the higher education institution where the degree qualifying for admission to this master's programme was awarded; these must be written either by higher education teachers or other qualified referees.
 - e) proof of adequate English language skills according to § 3 (1) (level C 1) in the applicable Statutes on the required language skills for studying at Ulm University,
 - f) declaration by the applicant stating whether he/she has failed at last attempt an examination required by the examination regulations at a German higher education institution in the same master's degree programme or in a related degree programme with essentially the same content or whether the right to examination has lapsed for other reasons,
 - g) the additional documents mentioned in the applicable admission and enrolment statutes of Ulm University, if applicable.

The documents to be submitted for the Master's degree programme in Energy Science and Technology are announced on the respective websites of Ulm University.

- (3) Admission to the Master's degree programme can also be applied for if the bachelor's degree has not yet been submitted by the expiry of the application deadline within the meaning of § 2 and if it can be expected that the applicant will complete the bachelor's degree programme in good time before the start of the master's degree programme on the basis of the previous course of studies, in particular the previous study and examination achievements. In this case, the preliminary average grade according to § 4 (2 b) can be considered for the admission decision.
- (4) Admission to the Master's degree programme can also be applied for if the proof according to paragraph 2 a) indent 4 (laboratory competences) cannot be submitted by the application deadline as defined in § 2.
- (5) The required language proficiency can be proven at the time of enrolment.
- (6) If certificates and documents to be submitted are not in German or English, an official translation in German or English is required.

§ 4 Entrance requirements

- (1) Prerequisites for entrance to the Master's programme in Energy Science and Technology are:
 - a) a bachelor's degree or at least equivalent degree from a university, university of applied sciences, cooperative university or a recognised foreign higher education institution in a degree programme in chemistry, chemical engineering, electrical engineering, physics or in a subject-related or subject-specific degree programme, passed with the examination results according to paragraph 2,
 - b) the required subject-specific knowledge according to § 3 (2 a),
 - c) letter of motivation;
 - d) academic career (CV)
 - e) letters of recommendation
 - f) language proficiency pursuant to § 3 (2e)
- (2) Examination results are demonstrated by
 - a) an academic final examination with a bachelor's degree with an overall grade of 2.7 or better, or if the degree has not yet been awarded,
 - b) examination results with an average grade of 2.7 or better based on a minimum of 120 credit points by the application deadline.
- (3) In addition to the formal quality, the evaluation of the motivation letter is based on the convincing demonstration of the interest in this Master's programme as well as the presentation of the particular aptitude and motivation for this Master's programme. The evaluation of the academic career and the letter of recommendation are made with a view to the applicant's aptitude for this Master's degree programme. Here, it is assessed to what extent the applicant can meet the requirements of the Master's programme and how beneficial it is for the applicant to participate in the Master's programme. Motivation letter, academic career and letters of recommendation are each graded 1 - 5 according to the following grading scale 1 = very good, 2 = good, 3 = satisfactory, 4 = sufficient, 5 = insufficient, and must each show a grade of 4 or better.
- (4) The admissions committee shall decide on the equivalence of the bachelor's degree and the equivalence of other degree programmes not expressly mentioned in paragraph 1 a) in accordance with § 5. When recognising foreign degrees, the assessment proposals of the Central Office for Foreign Education at the Secretariat of the Standing Conference of the Ministers of Education and Cultural Affairs of the Länder in the Federal Republic of Germany (ZAB) as well as the agreements within the framework of higher education partnerships must be observed. For degree programmes that do not comply with the ECTS regulations (ECTS grades and credit points), the admissions committee decides whether the requirements stated in paragraph 2 b) are met.
- (5) Deviations from §§ 2, 3 as well as § 4 (1-3) may arise for students who are in joint degree or double degree or structured exchange programmes. As a rule, the evidence is deemed to have been provided upon admission to the corresponding degree programme at the home university or selection by the corresponding cooperation programme. Where regulations exist, the contractual agreements in these programmes shall take precedence over the regulations in these Statutes.

§ 5 Admission and selection decision

- (1) The President decides on admission on the proposal of the admissions committee.
- (2) Admission shall be denied if
 - a) the application documents have not been submitted in due time within the meaning of § 2 or in due form and completely within the meaning of § 3,
 - b) the requirements stipulated in § 4 have not been met,
 - c) a previous admission in the same master's programme or a related degree programme with essentially the same content has lapsed because an examination was failed at last attempt or the right to examination no longer exists.
- (3) The admission may be subject to conditions, in particular resolutive conditions and requirements. In the case of an application in accordance with § 3 (3) sentence 1, admission is granted subject to the resolutive condition that the bachelor's degree and the requirements associated with it are proven within the period set by the University. If the proof is not provided in due time, the admission expires. In the case of an application according to § 3 (4), admission is to be granted under the resolutive condition that the basic competences from the fields of natural sciences, chemistry or engineering sciences were achieved. If this proof is not provided in due time, the admission expires. In justified cases, in particular if individual achievements cannot be proven within the scope of § 3 (2a) indents 1 to 3, the admission may be subject to requirements. The requirements must be fulfilled at the end of the examination period of the first master's semester; if the student is not responsible for not fulfilling the requirements, they must be fulfilled at the end of the examination period of the second semester at the latest. The requirements are set by the admissions committee.
- (4) If, for reasons beyond the applicant's control, it is not possible to provide proof of the bachelor's degree by the deadline set by the University for enrolment, provisional enrolment may be granted on the basis of the applicant's declaration to this effect, subject to the requirement that the certificate of the first professional qualification or proof of all achievements required for the degree must be submitted by the end of the first semester at the latest. The same applies to the corresponding language certificates. If the proof is not provided by the deadline, enrolment will not take place or the re-registration application for the following semester will be denied.
- (5) Applicants who miss the application deadlines according to § 2 or fail to prove the requirements according to § 3 will be excluded from the procedure. An exclusion notice shall be issued in this regard. Applicants not admitted on grounds of their level of qualification under § 4 receive a letter of rejection by Ulm University. This letter must state the reasons for rejection and provide information on their right of appeal.
- (6) In all other respects, the provisions related to admission procedures in general as stated in the admissions and enrolment statutes of Ulm University remain unaffected.

§ 6 Admissions committee

- (1) The Dean's office shall appoint an admissions committee. The admissions committee consists of at least two persons who belong to the full-time academic staff and their deputies. At least one person must be a higher education teacher as defined in § 44 (1) No. 1 LHG. Furthermore, the Dean's office may appoint an experienced professional practitioner to the admissions

committee in accordance with § 2c sentence 2 no. 6. of the Higher Education Admissions Act (HZG). The members' term of office is three years. Reappointment is possible.

- (2) At the request of the student members of the Faculty Council, a student may join the committee in an advisory capacity. The term of office is one year.

§ 7 Effective date

These statutes come into effect on the day after their publication in the Official Bulletin (*Amtliche Bekanntmachungen*) of Ulm University. They first apply to winter semester 2022/23 admissions. At the same time, Ulm University's admissions statutes for the consecutive, English-taught master's programme in Energy Science and Technology of 28 February 2018, published in the Official Bulletin of Ulm University no. 9 of 8 March 2018, pages 112-116 cease to have effect.

Ulm, 30 March 2022

signed

Prof. Dr.-Ing. Michael Weber
President of Ulm University

Annex 1 to § 3 (2a) fourth indent of the admissions statutes of Ulm University for the consecutive English-taught Master's programme in Energy Science and Technology of 5 April 2022

For admission, the following basic competencies in the fields of natural sciences, chemistry or engineering sciences are required.

The applicant

- is able to work in a modern laboratory (in the fields of materials science, chemistry & engineering) while observing the safety standards applicable in Germany.
- is able to evaluate laboratory experiments, present the results in an adequate form and write them up in a report.
- has acquired the skill to organise scientific content and present it orally within the time allotted for this.
- has learned to defend their position in a scientific discussion.
- is familiar with the basic principles of experimentation and able to use modern measurement methods which are common in the field and is capable of correctly assessing the validity of the results.
- is experienced in the use of laboratory and measurement instruments.