Admissions Statutes of Ulm University for
the English-taught Master's Programme in “Advanced Materials”
of 9 January 2017

Based on §§ 63 (2), 60 (2) no.2, 59 (1) LHG in the version of article 1 of the third law on
changes to higher education regulations (Drittes Hochschulrechtsänderungsgesetz- 3. HRÄG) of 1 April 2014 (law gazette no. 6, p 99ff) last amended by article 2 of the law
promoting equal opportunities for men and women in the public sector in Baden-Württem-
berg and amending the federal state higher education act Baden-Württemberg (LHG) of
23 February 2016 (law gazette p. 108f), the Senate of Ulm University, adopted the following
statutes on 7 Dec 2016.

Preliminary remark on language use
According to Article 3 (2) Basic Law, men and women have equal rights; all male designa-
tions of persons and positions used in these regulations apply equally to men and women.

§ 1 Scope of application
Ulm University allocates the places available in its master's programme in “Advanced Ma-
terials” according to the following provisions.

§ 2 Deadline and form
(1) 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.

(2) To apply for admission an online application form must be filled in and transferred elec-
tronically to Ulm University by the deadline indicated in paragraph 1 above unless an
electronic application would impose hardship on the applicant. Hardship is given where
the applicant can credibly demonstrate that they were not able to or limited in their
ability to use electronic data transfer for reasons beyond their control.

(3) Ulm University must have received the printed and signed online form and all docu-
ments listed on the form by the deadline indicated in paragraph 1 above.

(4) The following documents must be enclosed with the application:
   a) proof of compliance with the requirements listed in § 3,
   b) statement declaring whether the applicant has lost their right to examination in the mas-
ter's programme in Advanced Materials or any other study programme with essentially
the same content at any institute of higher education in Germany or abroad. The sub-
ject-specific study and examination regulations indicate which study programmes are
deemed to be related.

c) a written report (in English) in which applicants state their personal and subject-related reasons for applying for the chosen study programme and in which they explain their choice of programme (letter of motivation).

d) copies of certificates and other documents demonstrating of the applicant’s previous career. This may be proof of vocational training and/or practical work as well as any previous studies allowing conclusions about the applicant’s aptitude for this programme.

e) two letters of recommendation from the institute of higher education where the final examination qualifying for admission to this master’s programme was taken.

(5) Where such proof is not in German or English, a certified translation into German or English is required.

§ 3 Entrance requirements

(1) Entrance is subject to the following requirements:

a) proof of a bachelor’s degree awarded after completion of a minimum three-year study programme in the natural sciences or engineering, in particular, in physics, chemistry, biology, materials science, electrical engineering or any other programme focusing on the science of materials at any university in Germany or abroad or any degree recognized as equivalent;

b) proof of basic competencies in the natural sciences, materials sciences and/or engineering (Annex 1).

c) proof of an adequate command of English (as a rule, through the Test of English as a Foreign Language (TOEFL) with a minimum of 88 points in the internet-based TOEFL; or 570 points in the paper-based TOEFL; or 230 points in the computer-based TOEFL; IELTS with a minimum of 6.5 points; or any comparable proof).

§ 3 (1) no. 3 does not apply to applicants who are native speakers of English.

Moreover, the admissions committee may decide on exemptions in justified exceptional cases in agreement with the head of the language centre. The statutes on language skills required for studies at Ulm University apply as amended.

(2) For the selection of applicants under § 3 (1), the following is considered:

a) The overall grade of their bachelor’s or equivalent degree or, if this has not yet been determined, the average grade of the examinations taken by the application deadline;

b) individual grades and volume of education received in mathematics, physics, chemistry, biology/biochemistry, engineering and materials science

c) letter of motivation

d) proof of vocational training and/or any practical work

e) letters of recommendation

(3) The criteria under § 3 (2) are assessed by the admissions committee according to an evaluation scale previously agreed by it. As a rule, the guidelines proposed by the Standing Conference of the Ministers of Education and Cultural Affairs (“Kultusministerkonferenz”) are taken into account.
§ 4 Admission procedure

(1) Admission is decided by the Board (Präsidium) based on the admissions committee's proposals.

(2) The application must be rejected if

a) the requirements described in § 2 and § 3 above are not fulfilled, or

b) an applicant has lost their right to examination in the chosen master's programme in Advanced Materials or in any other study programme with essentially the same content or is in the process of being examined in any such study programme.

(3) 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.

§ 5 Admissions committee

(1) The admissions committee consists of one or more persons each from the Faculties of Engineering, Computer Science and Psychology; Medicine; and Natural Sciences. The members choose a chairperson and their deputy from among themselves.

(2) The members of the admissions committee are appointed by the faculties named in paragraph 1 above. The members' term in office is three years. They may be reappointed.

(3) The admissions committee determines the equivalence of previous education and academic degrees. The recognition of foreign degrees must comply with the recommendations of the Standing Conference of the Ministers of Education and Cultural Affairs and the agreements made as part of university partnerships. In cases of doubt, the Central Office for Foreign Education (ZAB) must be heard.

§ 6 Effective date

(1) These statutes come into effect on the day after their publication in the official information bulletin (“Amtliche Bekanntmachungen”) of Ulm University. They first apply to winter semester 2017/18 admissions.

(2) At the same time, the admissions statutes of Ulm University for the English-taught master’s programme in “Advanced Materials” of 10 December 2014, published in the official information bulletin of Ulm University No. 2 of 26 January 2015, p. 6-9, cease to have effect.

Ulm, 9 January 2017

signed

Prof. Dr.-Ing. Michael Weber
President
Annex 1 to § 3 (1b) of the admissions statutes of Ulm University for the master's programme in "Advanced Materials" of 9 January 2017

For admission, the following basic competencies in the natural sciences, materials sciences and/or engineering are required:

The applicant

- is able to apply the mathematical methods of differential, integral and tensor calculus including the Fourier transform to solving physical problems.
- is able to set up and solve differential equations for physical problems.
- is capable of analysing experimental measuring results using different statistical methods.
- is able to work in a modern chemical, materials or (bio)physical laboratory while observing the principles of good laboratory practice (GLP) applicable in Germany.
- is able to record laboratory experiments, present the results in an adequate form and write them up in a report.
- is capable of doing scientific research in libraries, databases and journals to gain knowledge about a topic.
- has acquired the skill to organise scientific content and present it orally within the time allotted for the presentation.
- has learned to defend her/his position in a scientific discussion.
- is familiar with the basic principles of scientific experimentation and able to use modern measurement methods.

These competencies can, as a rule, be documented through corresponding modules and/or courses completed during bachelor’s studies or the successfully completed preparatory course for international prospective students for English-taught master’s programmes at Ulm University.