

DISCLAIMER: Please note that the English translation is provided for information purposes only. The English text is not legally binding. Only the original German document has legal validity. The official language at TU Dresden is German. German jurisdiction applies.

Technische Universität Dresden
"Friedrich List" Transport and Traffic Sciences

**Regulations for assessing the aptitude for the consecutive
Master's degree program Air Transport and Logistics
(Air Transport and Logistics Aptitude Assessment Regulations)**

as of April 21, 2023

Based on § 13 para. 4 and § 17 para. 10 of the Act on the Autonomy of Institutions of Higher Education in the Free State of Saxony (*Sächsisches Hochschulfreiheitsgesetz - SächsHSFG*) in the version of the announcement of January 15, 2013 (SächsGVBl. p. 3), last amended by the Act of June 1, 2022 (SächsGVBl. p. 381), Technische Universität Dresden issues the following Aptitude Assessment Regulations as statutes:

Table of contents

- § 1 Scope of application
- § 2 Admission requirements
- § 3 Admissions Committee
- § 4 Application and deadlines
- § 5 Proof and assessment of special aptitude
- § 6 Notification of aptitude
- § 7 Entry into force and publication

§ 1

Scope of application

These regulations determine how the fulfillment of the special admission requirements are to be assessed (aptitude assessment) for the consecutive Master's degree program Air Transport and Logistics at Technische Universität Dresden, based on the provisions of the applicable Act on the Autonomy of Institutions of Higher Education in the Free State of Saxony.

§ 2

Admission requirements

Pursuant to § 3 of the study regulations for the consecutive Master's degree program Air Transport and Logistics, an applicant is qualified and therefore entitled to admission if they:

1. have completed a first degree in engineering in particular civil engineering, economics and engineering, transport engineering, mechanical engineering, electrical engineering or computer science, in the natural sciences, in particular physics, mathematics, geography or geodesy, in transport economics, or another degree conveying comparable prior knowledge at a university or vocational academy that is officially recognized in Germany and qualifies the degree holder for a profession.
2. prove particular aptitude to follow the Master's degree program Air Transport and Logistics according to § 5 and
3. have knowledge of English at B2 level of the Common European Framework of Reference for Language.

§ 3

Admissions Committee

The Dean of the "Friedrich List" Faculty of Transport and Traffic Sciences shall appoint an Admissions Committee for the respective application period on the recommendation of the Academic Affairs Committee. As a rule, this committee shall consist of at least two university lecturers from the relevant department. The Admissions Committee shall decide on whether the admission requirements pursuant to § 2 have been fulfilled and decide on appeals against decisions made as part of this procedure. In addition, the Admissions Committee is responsible for the development and publication of the application form in accordance with § 4 para. 2 no. 1.

§ 4

Application and deadlines

(1) Application form for participation in the aptitude assessment procedure according to these regulations must be submitted in writing together with the formal application documents for enrollment to the following address within the following deadlines:

1. Applicants with a university degree obtained in Germany (entrance qualification for a Master's degree) must apply to the following office:
 - a) Applicants with German citizenship are to submit their application to the following address:
Technische Universität Dresden

“Friedrich List” Faculty of Transport and Traffic Sciences
Institute of Logistics and Aviation
Admissions Committee Master’s degree program Air Transport and Logistics
01062 Dresden Germany

- b) Applicants with non-German citizenship are to submit their application to the following address:
Technische Universität Dresden
International Office
01062 Dresden Germany
2. Applicants with a university degree obtained outside Germany (entrance qualification for a Master’s degree program) must apply via uni-assist.
 3. Applicants with citizenship outside the EU who have obtained their university degree (entrance qualification for a Master’s degree program) at a non-German university must apply for the winter semester by May 31. All other German and international applicants must apply for the winter semester by July 15.

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

1. Application form to determine the applicant’s aptitude for the Master’s degree program Air Transport and Logistics,
2. Copy of the applicant’s first university degree qualifying for a profession (degree certificate) in accordance with § 2 para. 1 no. 1,
3. Copies of additional certificates and proof demonstrating any special aptitude in accordance with § 5 para. 1,
4. If applicable, proof of practical qualifications by means of official documents (letter of reference, job description, certificates or similar) according to § 5 para. 2,
5. Proof of the required English language skills pursuant to § 2 para. 1 no. 3 by a relevant examination certificate or language certificate. This can take the form of:
 - a) A general or subject-specific university entrance qualification certificate that serves as evidence of having learned English as a foreign language from grades 5-12,
 - b) A certificate of university entrance qualification completed exclusively in English,
 - c) A certificate from a university degree completed exclusively in English,
 - d) English language certificates, such as TOEFL IBT (at least 72) or IELTS (5.5).

(3) Applications that are not received in full, in due form or on time shall be excluded from further proceedings.

(4) If, at the time of application, proof of the first university degree qualifying the applicant for a profession (degree certificate) in accordance with para. 2. no. 2 is not yet available, the applicant will also be included in the aptitude assessment procedure in accordance with these regulations. The prerequisite is that 80 % of the credit points attainable for the university degree have already been achieved based on completed module examinations or the final thesis and the colloquium (if applicable). A certification from the awarding university serves as proof of the above-mentioned academic achievements. As proof of this, the applicant must submit a corresponding certificate from their university in the original or as an officially certified copy. The necessity of submitting all other evidence mentioned in para. 2 alongside the application and para. 3 remain unaffected by this.

§ 5

Proof and assessment of special aptitude

(1) The special aptitude for the Master's degree program Air Transport and Logistics according to § 2 para. 1 no. 2 is granted if the acquisition of at least 40 credit points (ECTS) from the subject areas Mathematics, Mechanics, Physics and Computer Science, which do not overlap in content, is proven. It applies that at least 20 credit points must be earned in Mathematics.

1. This includes at least 5 credit points acquired per subject (Linear Algebra, Analysis, Differential Equations and Statistics),
2. at least 10 credit points must be earned in Mechanics. This includes at least 5 credit points acquired per subject (Statics and Kinematics).
3. at least 5 credit points must be earned in Physics.
4. at least 5 credit points must be earned in Computer Science.

(2) If the credit points listed in § 5 para. 1 cannot be proven or can only be proven in part, this achievement can be compensated for by successful participation in the bridge course Air Transport and Logistics and by one of the following practical qualifications:

1. Work experience in fields that compensate for the requirements in § 5 para. 1.
2. A pilot's license (at least a private pilot's license) combined with knowledge that compensates for the requirements in § 5 para. 1.

(3) The Admissions Committee shall first examine whether proof of aptitude has been provided on the basis of the documents enclosed with the application, in particular, the documents pursuant to § 4 para. 2 no. 3, but only if the admission requirements pursuant to § 4 para. 2 nos. 1 and 3 have been fulfilled. If the aptitude has not already been established from the applicant's documents, an assessment interview will be held by the Admissions Committee in accordance with § 6.

§ 6

Assessment interview

(1) The aim of the assessment interview is to determine whether the applicant possesses the required knowledge and skills in accordance with § 5 para. 1, confirming the applicant's aptitude.

(2) The assessment interview shall take place in a uniformly structured form and shall not last longer than 20 minutes.

(3) The invitation to the interview shall be issued in good time in written form by the Admissions Committee in accordance with § 3, but at least two weeks before the date of the assessment interview.

(4) A member of the Admissions Committee shall draw up minutes of the essential content of the assessment interview, which shall also include the participants, the duration and the result of the interview. The identity of the applicant is verified in the interview.

(5) If the applicant does not attend the assessment interview on the fixed date, they have no right to be granted an alternative date.

(6) If the applicant can credibly demonstrate that they are not in a position to participate in the assessment interview in the intended form due to a long-term or permanent physical disability or chronic illness, the Admissions Committee shall offer them an alternative form for determining aptitude.

(7) If an applicant can credibly demonstrate that they are not in a position to participate in the assessment interview in the intended form from abroad, the Admissions Committee shall offer them an alternative form for determining aptitude.

(8) The aptitude interview can be conducted on site at TU Dresden or online upon request.

§ 7

Notification of aptitude

(1) If the applicant demonstrates the required aptitude according to § 2, they will receive a notification of aptitude from the Admissions Committee after completion of the procedure, at the latest by August 15 of the respective year. The notification of aptitude is to be presented to the Admissions Office / International Office of TU Dresden and is the required form of proof in order to enter the Master's program. This is a prerequisite for enrollment in the Master's degree program Transportation Economics.

(2) If the applicant cannot prove the required aptitude according to § 2, the Admissions Committee will issue a notice of rejection, including instructions on how to appeal.

(3) If the applicant is unable to present the successful completion of the university degree required in accordance with § 2 para. 1 no. 1 to the Admissions Office / International Office by the end of the enrollment period, only temporary enrollment will be granted. The duration of this temporary enrollment will be determined by the Admissions Office/International Office. It is usually one semester.

§ 8

Entry into force and publication

These Aptitude Assessment Regulations shall enter into force one day after their publication in the Official Announcements of Technische Universität Dresden.

Issued based on the resolution of the Faculty Board of the "Friedrich List" Faculty of Transport and Traffic Sciences as of March 6, 2023 and the approval of the University Executive Board as of March 21, 2023.

Dresden, April 21, 2023

The Rector
of Technische Universität Dresden

Prof. Dr. Ursula M. Staudinger