

Regulations for assessing the aptitude for the consecutive Master's degree program in Mobility Systems (Mobility Systems Aptitude Assessment Regulations)

As of March 18, 2026

On the basis of § 14 para. 4 and § 18 para. 11 of the Saxon Higher Education Act (SächsHSG) in the version published on May 31, 2023 (SächsGVBl. p.329), last amended by Article 2 of the Act of January 31, 2024 (SächsGVBl. p. 83), the Faculty Board of the "Friedrich List" Faculty of Transport and Traffic Sciences of TUD Dresden University of Technology issued the following Aptitude Assessment Regulations as a statute, which has been approved by the University Executive Board:

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§ 1 Scope of application

These regulations, based on the provisions of the Saxon Higher Education Act, as currently in force, govern the determination of the specific admission requirements (aptitude assessment) for the consecutive Master's degree program in Mobility Systems at TUD Dresden University of Technology.

§ 2 Admission requirements

Pursuant to § 3 of the Study Regulations for the consecutive Master's degree program Mobility Systems, an applicant is qualified and therefore entitled to admission if they:

1. hold a first university degree recognized in Germany that qualifies them for a specific profession, or a degree program from a state-run or state-recognized vocational academy in a field of transportation science - specifically in the degree programs for Transport Engineering, Transport Economics, or Mobility and Transport Systems - or a degree in Civil Engineering, or another university degree demonstrating comparable prior knowledge,
2. in the case of a university degree from outside the European Union (EU) and the European Economic Area (EEA), provide proof of a Graduate Record Examination (GRE) score obtained no more than five years prior to the application deadline, with a minimum of 162 points in Quantitative Reasoning and a minimum of 151 points in Verbal Reasoning,
3. prove particular aptitude for the consecutive Master's degree program in Mobility Systems according to § 5 and
4. have knowledge of English at C1 level of the Common European Framework of Reference for Language (CEFR). Proof shall be provided in the form of examination certificates or language certificates. This may include, in particular, a certificate of general or subject-specific university entrance qualification that serves as evidence of having studied English as a foreign language until the end of schooling, a certificate of a university degree completed entirely in English, or a language certificate such as TOEFL, iBT (5.0) or IELTS (7.0).

§ 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 will consist of 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) The 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: TUD Dresden University of Technology
"Friedrich List" Transport and Traffic Sciences Admissions
Committee for the Master's degree program in Mobility Systems
01069 Dresden, Germany
 - b) Applicants with non-German citizenship are to submit their application to the following address: TUD Dresden University of Technology
Unit 8.3 International Office
Helmholtzstr. 10
01069 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 and the EEA who have obtained their university degree (entrance qualification for a Master's degree) 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 alongside the application:

1. Signed application form (as of the current application year) to determine the applicant's aptitude for the consecutive Master's degree program in Mobility Systems,
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. Proof of a successfully completed GRE test in accordance with § 2, para. 2, if applicable,
5. Proof of the required English language skills pursuant to § 2 para. 1 no. 3 by a relevant examination certificate or language certificate. Examples include:
 - a) A copy of a general or subject-specific university entrance qualification with a proven language level of C1 and up,
 - b) A copy of a certificate of university entrance qualification completed exclusively in English,
 - c) A copy of a certificate from a university degree completed exclusively in English, or
 - d) English language certificates, such as TOEFL, iBT (at least 95) or IELTS (7.0).

(3) Applications that are not received in full, in due form or on time will be excluded from any further proceedings. In each round of applications, only the first application submitted by a candidate will be considered.

(4) If proof of the first university degree that qualifies the holder for a profession (graduation certificate) in accordance with para. 2 no. 2 is not yet available at the time of application, para. 2 no. 2 of the Admission Regulations shall apply.

Applicants will also be included in the eligibility assessment process under these regulations if they have already earned 80 percent of the credit points required for the degree. As proof of this, the applicant must submit a copy of a corresponding certificate from their university. 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 consecutive Master's degree program Mobility Systems according to § 2 para. 1 no. 2 is fulfilled if the acquisition of at least 50 European Credit Transfer points (ECTS) from the subject areas Mathematics, Physics, Computer Science and Traffic Sciences, which do not overlap in content, is proven. In particular: 1. At least 10 credit points must be proven in the special field of

Advanced Mathematics, including statistics,

2. at least 5 credit points must be proven in the field of Computer Science, including Statistical Data Analysis, and

3. at least 5 credits must be proven in the field of Transportation.

(2) Applicants who hold a university degree from a university in the European Union or the European Economic Area may demonstrate their special aptitude on the basis of the documents enclosed with the application, in particular the documents pursuant to § 4 para. 2 no. 3. (4) The Admissions Committee shall 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 nos. 1, 2 and 4 have been fulfilled. If aptitude has not already been established by the applicant's documents, an aptitude test pursuant to § 6 shall be conducted.

(3) Applicants who have obtained their university degree outside the EU and the EEA must demonstrate special aptitude by means of an aptitude test pursuant to § 6. The Admissions Committee shall examine whether proof of aptitude has been provided on the basis of the aptitude test, but only if the admission requirements pursuant to § 4 para. 2 nos. 1 and 3 have been fulfilled.

§ 6

Aptitude test

(1) The aim of the aptitude test is to determine whether the knowledge, skills and abilities required under § 5 para. 1, which provide information about the applicant's special aptitude, correspond to the required level of proficiency.

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

(3) The Admissions Committee will send the invitation to the aptitude test via email in good time in accordance with § 3, but no later than one week before the date of the aptitude test. The applicant must accept the invitation or request an alternative date within 5 days of receipt; otherwise, their participation in the aptitude assessment procedure will be terminated.

(4) The content and results of the aptitude test will be saved for the duration of the application phase. The identity of the applicant is verified in the interview.

(5) If the applicant does not attend the aptitude test on the fixed date, they have no entitlement to be granted an alternative date. However, if an applicant credibly demonstrates that they are unable to attend the scheduled date due to acute illness, an alternative date will be given to them.

(6) If the applicant can credibly demonstrate that they are not in a position to participate in the aptitude test 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 their aptitude.

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

(8) The aptitude test is conducted online and is carried out on central dates during the application period.

§ 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 by August 15 of the respective year. The notification of aptitude is to be presented to the Admissions Office or the International Office of TU Dresden and is the required form of proof in order to enter the consecutive Master's degree program. It is a prerequisite for enrollment in the consecutive Master's degree program in Mobility Systems.

(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 Admissions Office 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. It is usually one semester.

§ 8 Entry into force

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

The above regulations hereby formally take effect. It shall be published in the Official Announcements of TU Dresden.

Dresden, March 18, 2026

The Rector
of TUD Dresden University of Technology

Signed

Prof. Lars Bernard
Vice-Rector Digitalization and University Development