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TUD Dresden University of Technology  
Faculty of Environmental Sciences

## **Regulations for assessing the aptitude for the consecutive Master's degree program in Geoinformatics (Aptitude Assessment Regulations for Geoinformatics)**

As of 10. April 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), TUD Dresden University of Technology issues the following Aptitude Assessment Regulations as statutes:

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## § 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 in Geoinformatics at TUD Dresden University of Technology, based on the provisions of the applicable Saxon Higher Education Act.

## § 2

### Admission requirements

(1) Pursuant to § 3 of the Study Regulations for the consecutive Master's degree program in Geoinformatics, every applicant who has the required aptitude (qualification) for the consecutive Master's degree program in Geoinformatics is admissible to the program.

(2) Qualified and therefore entitled to admission within the meaning of para. 1 is anyone who:

1. Holds a first recognized university degree in the field of Geoinformatics, Geodesy and Geoinformation, Cartography and Geomedia Technology, Geography, Computer Science, or Media Computer Science, or another university degree in a related degree program,
2. Has proficiency in English at level B2 of the European Framework of Reference for Languages (CEFR) and,
3. Proves particular aptitude for the consecutive Master's degree program in Geoinformatics according to § 5.

## § 3

### Admissions Committee

The Dean of the Faculty of Environmental Sciences will appoint an Admissions Committee for the respective application period based on the recommendation of the Academic Affairs Committee. 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, invite applicants to an assessment interview if necessary, 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 formal application for participation in the aptitude assessment procedure must be submitted together with the application documents for enrollment using the correct forms and within the set deadline.

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 a German citizenship or those with a non-German citizenship but who obtained the German *Abitur* qualification must apply to the following address:  
TUD Dresden University of Technology  
Faculty of Environmental Sciences

Master's degree program in Geoinformatics  
Admissions Committee  
Helmholtzstraße 10  
01069 Dresden  
Germany

b) Applicants with non-German citizenship and an international qualification equivalent to the *Abitur* must submit their application to the following address:

TUD Dresden University of Technology  
International Office  
Helmholtzstraße 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 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 and must apply for the summer semester by November 30. All other German and international applicants must apply for the winter semester by July 15 and for the summer semester by January 15 of the respective year.

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

1. Application form to determine the applicant's aptitude for the consecutive Master's degree program Geoinformatics,
2. A tabular overview of the applicant's educational history,
3. Copy of the applicant's first university degree qualifying for a profession,
4. Copies of additional certificates and proof demonstrating any special aptitude in accordance with § 5,
5. Proof of the required English language skills pursuant to § 2 para. 1 no. 2. For example, by means of:
  - a) A copy of a general or subject-specific university entrance qualification certificate with a proven language level of B2 in accordance with CEFR,
  - b) A certificate of a university entrance qualification completed entirely in English or a certificate of a university degree completed entirely in English, as well as
  - c) English language certificates, such as TOEFL, iBT (at least 72) or IELTS (least 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, the applicant does not yet have proof of the first professionally qualifying university degree (degree certificate) in accordance with para. 2, no. 2, the applicant will still be included in the aptitude assessment procedure in accordance with these regulations if 80 percent of the credit points achievable through the university degree have already been obtained, as certified by the university of origin. 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 Geoinformatics is fulfilled if at least 55 credit points have been earned in some of the following areas, provided that the course content does not overlap:

1. Mathematics, for example: Algebra, calculus, numerical analysis, probability, statistics,
2. Computer Science, for example: Image processing, computer graphics, databases, software development, media computer science,
3. Geoinformatics, for example: GIS, geo databases, environmental information systems, environmental simulation,
4. Cartography,
5. Photogrammetry and remote sensing

(2) Notwithstanding paragraph 1, special aptitude shall also be deemed proven if special professional qualifications, such as relevant professional skills or outstanding theses, are demonstrated.

(3) 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 para. 2 nos. 1 and 3 have been fulfilled.

## **§ 6**

### **Notification of aptitude**

(1) If the applicant demonstrates the required aptitude in accordance with § 2, they will receive a notification of aptitude from the Admissions Committee by August 15 for the winter semester and by February 15 for the summer semester. 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 Master's program. It is a prerequisite for enrollment in the consecutive Master's degree program in Geoinformatics.

(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 or the 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.

## **§ 7**

### **Expiry**

The Regulations for assessing the aptitude for the Master's degree program in Geoinformation Technologies (Aptitude Assessment Regulations) dated November 19, 2013 (Official Announcements of TU Dresden No. 07/2013 dated December 13, 2013, p. 75) and the First Statute Amending the Regulations for assessing the aptitude for the Master's degree program in Geoinformation Technologies (Aptitude Assessment Regulations) dated May 11, 2022 (Official Announcements of TU Dresden No. 04/2022 dated June 3, 2022, p. 12) shall hereby cease to apply.

**§ 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.

Issued based on the resolution of the Faculty Board of the Faculty of Environmental Sciences of TUD Dresden University of Technology as of #Date# and the approval of the University Executive Board as of #Date#.

Dresden, #Date of issue#

The Rector  
of TUD Dresden University of Technology

Prof. Ursula Staudinger