

Technische Universität Dresden  
Center for Molecular and Cellular Bioengineering (CMCB)

**Regulation for the Admission to the Master's program of Nanobiophysics at  
the Technische Universität Dresden**

(Regulations governing admission criteria and procedure)

22.03.2018

Pursuant to § 13 par. 4 and §17 par. 10 of the *Gesetz über die Freiheit der Hochschulen im Freistaat Sachsen (Sächsisches Hochschulfreiheitsgesetz – SächsHSFG)* (Law on Institutions of Higher Education in the Free State of Saxony) of January 15, 2013 (SächsGVBl. P.3), changed with article 11 of the Law from April 29, 2015 (SächsGVBl. P. 349, 354), the Technische Universität Dresden enacts the regulations below as statutes.

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## **§ 1 Scope**

Based on the Saxon Law on Institutions of Higher Education in the Free State of Saxony, these regulations govern the admission criteria and procedure of the Master's program Nanobiophysics at the Technische Universität Dresden

## **§ 2 Admission Criteria**

- (1) Pursuant to §3 of the valid version of the study regulations for the Master's program Nanobiophysics, admission is granted for each applicant who fulfils the required admission criteria (qualifications).
- (2) To be qualified and, thus, eligible for admission in terms of par. 1, a candidate shall
  - a) furnish evidence of a first university degree or degree of a state or state-approved university of cooperative education in science (Typically physics or biophysics) or engineering (typically Nanotechnology) or a subject with a similar inclination towards higher mathematics.
  - b) prove his proficiency in English, in case English is not his mother tongue. Evidence may be furnished through common international language tests (preferably IELTS: min. Level 6.5 or TOEFL: 92 points internet-based test).
  - c) furnish evidence of his qualification for the Master's program Nanobiophysics pursuant to § 5.

## **§ 3 Admission Committee**

According to the regulations at hand, an Admission Committee, which is assigned by the Director of CMCB for the respective period upon proposal by the study committee, is responsible for the assessment of aptitude of the applicants. The Committee of the Faculty of Physics has the right to nominate one of its members; the Study Committee nominate the remaining members. Principally, the Admission Committee is composed of 3 professors, who teach in the master's program Nanobiophysics. A university teacher of the cooperating university Katholieke Universiteit Leuven can be involved in the selection process. The Admission Committee takes decisions as an authority of appeal (Widerspruchsbehörde) regarding objections against its decisions in the context of the admission procedure and issues the notices of objection.

## § 4 Application and Deadlines

- (1) Pursuant to the regulations at hand, the application for admission to the selection and admission procedure for the Master's program Nanobiophysics needs to be sent in written form to the following address between 1 April and 31 May of the same year:
1. For German and international applicants with a university degree from a German Institution of Higher Education, to the following address:  
Technische Universität Dresden  
Center for Molecular and Cellular Bioengineering (CMCB)  
Master Course Nanobiophysics  
Tatzberg 47/49  
01307 Dresden  
Germany
  2. For German and International applications with a university degree from an Institution of Higher Education from abroad, to uni-assist e.V.
- (2) The applicants need to enclose the following documents:
1. application form for the Master's program Nanobiophysics;
  2. certified photocopy of the applicant's university degree certificate(s) in German or English as well as a certified translation of the applicant's university degree certificate(s) in German or English, if applicable;
  3. certified photocopies of additional certificates and proofs in German or English attesting to the qualifications specified in § 5 par.1;
  4. photocopy of the certificate demonstrating the student's proficiency in English pursuant to § 2 par. 2 lit.2 ;
  5. two letters of recommendation, preferably issued by university teachers, in German or English;
  6. certified photocopies of other certificates proving e.g. supplementary qualifications, extra-curricular achievements and activities and professional experience which will give information on the student's special aptitude pursuant to § 2 par. 2 lit. 3 and § 5 par. 1;
  7. CV in English with a detailed description of the applicant's educational background.
- (3) Applications which are incomplete or do not arrive in due form and time are excluded from the succeeding procedure.

- (4) Unless the university degree has been completed by the time of application pursuant to par. 2 lit. 2, the application is still considered on condition that 80 per cent of the credit points, which are necessary for the completion of the course, have been acquired. The applicant needs to provide evidence of this issued by his university through an original or certified certificate. The necessity of providing all other aforementioned documents, pursuant to par. 2 and 3, remains unaffected by this fact.

## **§ 5**

### **Proof and Assessment of Aptitude**

- (1) The applicant's aptitude for the Master's program Molecular Bioengineering pursuant to § 2 par.2 lit.3 is proven by sound basic knowledge of the fundamentals of classical physics with mechanics, electrodynamics, optics, thermodynamics and quantum theory as well as basic knowledge of biology and chemistry.
- (2) Whether the proof of aptitude is sufficient or not, is examined by the Admission Committee on the basis of the documents submitted, in particular those documents pursuant to § 4 par. 2 lit. 3, 5 and 6 but only if the requirements pursuant to § 2 par. 2 lit.1 and 2 are fulfilled. In case the documents do not attest to the special aptitude of the applicant, the Admission Committee will invite the applicant to an admission interview pursuant to §6.

## **§ 6**

### **Admission Interview**

- (1) Goal of the admission interview is to check whether the applicant holds the necessary knowledge, skills and qualifications pursuant to §5 par. 1
- (2) The interview follows a thematically standardised structure and should not exceed 20 minutes.
- (3) The applicant will receive a written invitation for the interview from the Admission Committee pursuant to § 3 in due time, at least 2 weeks before the date of the interview.
- (4) Minutes will be taken by a member of the Admission Committee. They will include information on the content of the interview, the number of participants as well as the exact duration of the interview.
- (5) Should the applicant not appear for the interview, he cannot claim an alternative date. If the applicant has appeared for the admission interview and has not been able to prove his aptitude pursuant to § 2 par. 2 lit. 3, the

admission interview may be repeated once in the subsequent year at the applicant's request. The application for it should be lodged in due time pursuant to § 4 par. 1. § 4 par. 2 is not applicable in these cases.

- (6) If the student furnishes prima facie evidence that he is unable to attend the admission interview in the foreseen format due to prolonged or permanent physical disability/sickness, the Admission Committee can permit him to prove his aptitude in an alternative form. Submission of a medical certificate and, in cases of doubt, an official medical certificate, is generally required.
- (7) Should an international applicant not be able to attend the admission interview, the Admission Committee can permit him to prove his aptitude in an alternative form.

## **§ 7**

### **Notice of Aptitude**

- (1) If the applicant has proven his aptitude pursuant to § 2, the Admission Committee sends him an aptitude notice for the respective academic year. The aptitude notice serves as a document to be presented at the Immatrikulationsamt/ Akademisches Auslandsamt (registration office/international office) of the TU Dresden and constitutes the required proof of eligibility of admission to the master program. It is a prerequisite for the admission to and matriculation in the Master's program in Nanobiophysics.
- (2) If a candidate cannot prove his aptitude pursuant to § 2, the Admission Committee will also issue a written notice which is complemented by information on the legal remedies available.
- (3) If the candidate cannot prove the successful completion of the required first university degree pursuant to §2 par. 2 lit 1 by the end of the enrolment period stipulated by the Immatrikulationsamt/Akademischen Auslandsamt, he will be enrolled only for a limited period. The limit is set by the Immatrikulationsamt/ Akademischen Auslandsamt, which is generally one semester.

## **§ 8**

### **Entry into Force and Publication**

These regulations shall enter into force one day after their publication in the *Amtliche Bekanntmachungen* (Official Publications) of the Technische Universität Dresden. The Regulations for the admission to the master's program Nanobiophysics dated April 16, 2007 (Amtliche Bekanntmachungen of TU Dresden Nr. 06/2007 of June 25, 2007, p. 37) that was amended by the statutes

of May 29, 2011 (Amtliche Bekanntmachungen of TU Dresden Nr.03/2011 of June 09, 2011, p. 20) herewith expires.

Issued according to the decision of the Scientific Board of the Center for Molecular and Cellular Bioengineering of Technische Universität Dresden of February 14, 2018 and the approval by the Rectorate of March 6, 2018.

Dresden, 22.03.2018

The Rector  
of the Technische Universität Dresden

Prof. Dr.-Ing. habil. Deng/Auckland Hans Müller-Steinhagen