

**PLEASE NOTE: this is an English courtesy translation – only the German version is legally binding!**

Technische Universität Dresden  
Biotechnology Center

**Examination regulations  
for the consecutive Master's program  
Nanobiophysics**

**of xxx**

Pursuant to Article 34 of the Law on Institutions of Higher Education in the Free State of Saxony (Sächsisches Hochschulgesetz - SächsHSG) of December 10, 2008 (Saxon law gazette p.900), amended by article 10 of the law of June 26, 2009 (Saxon law gazette pp. 375, 377), the Technische Universität Dresden enacts the examination regulations below as statutes.

(In these regulations masculine designations of persons apply to female persons, too.)

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## **I. General provisions**

### **§ 1**

#### **Standard period of study**

The standard period of study comprises attendance of classes, periods of self-study, practicals under supervision as well as the master's examination.

### **§ 2**

#### **Structure of examinations**

The master's examination consists of the module examinations, the master's thesis and the defense. A module is concluded with a module examination which usually consists of several examination requirements. The examinations are held continuously throughout the program.

### **§ 3**

#### **Time limits and deadlines**

(1) The Master's examination shall be taken within the standard period of study. If the Master's examination has not been taken within four semesters after the end of the standard period of study, it is deemed as failed. A failed Master's examination can be repeated once within one year. After this deadline has elapsed, it is deemed as failed again. The Master's examination may be re-taken once again at the next possible examination date. After that it is deemed as definitively failed.

(2) The examinations shall be taken before the end of the semester that is defined for the module in the study schedule.

(3) The TU Dresden ensures by the study regulations and the range of courses offered that the course requirements and module examinations as well as the master thesis and the defense can be completed in the period defined in the examination regulations. The students shall be informed in due time about the type and number of the course requirements and module examinations as well as the dates at which these must be fulfilled or taken, and also about the date of issue and submission of the Master's thesis and the defense. The students must also be informed about the repetition dates of each examination.

(4) Times of maternity and parental leave are neither subject to time limits nor are they taken into account as regards current time limits.

### **§ 4**

#### **General admission requirements and admission procedure**

- (1) The Master's examination can only be taken by a candidate who
1. has enrolled for the Master's program Nanobiophysics at the Technische Universität Dresden and
  2. has proven the requirements (§24) and

3. has submitted an electronic confirmation with respect to paragraph 4 no. 3

(2) The students need to enrol for the examinations and assignments. Type and time limits of the registration are specified by the examination committee and are announced generally at the beginning of the semester and at the latest four weeks before the start of the enrolment period as is customary at the Biotechnology Center.

(3) The admission is granted

1. based on the first registration for an examination/assignment with respect to module examinations.
2. based on the registration for the thesis topic with respect to master thesis and defense.

(4) The admission is refused if

1. the requirements defined in par.1 or the procedural regulations pursuant to par.2 are not fulfilled or
2. the application is incomplete or
3. the candidate has definitively failed an examination that is required for the passing of the master program Nanobiophysics.

(5) The examination committee decides about the admission. The decision may be announced publicly. §16 par. 4 remains unaffected.

## **§ 5**

### **Types of examinations**

(1) Examinations may be taken as

1. written examinations (§6)
2. oral examinations (§7)
3. presentations (§8) and/or
4. other types of examinations (§9)

Examinations based on a multiple choice procedure are generally excluded.

(2) Course requirements and examinations shall be conducted in English.

(3) If the student furnishes prima facie evidence that he is unable to sit for all or part of the examinations due to prolonged or permanent physical disability/sickness, the chairperson of the examination committee can permit examinations to be taken within a prolonged period or in a different form. Submission of a medical certificate and, in cases of doubt, an official medical certificate, is generally required.

(4) If the student furnishes prima facie evidence that he is unable to fulfil course requirements or examinations due to care of his own children below 14 years, the chairperson of the examination committee permits him upon application to take the examination in a different form. In agreement with the examiner he decides about the alternative type of examination according to his best judgement. Alternatives may be e.g. postponement of deadlines, breaks, use of different media, an alternative location within the university or an alternative examination date.

## **§ 6**

### **Written examinations**

(1) The candidate shall prove in written examinations or other written papers that he can solve problems and work on a topic within a limited time and with limited auxiliary means and the current methods of the field. Several tasks or topics may be given for choice.

(2) Written examinations, which must be successfully passed in order to pursue the study program, shall generally be evaluated by two examiners, at least in the case of the last attempt. The grade is the arithmetic mean of the individual results pursuant to §10 par. 1. The evaluation procedure shall not exceed four weeks.

(3) The duration of written examinations is defined in the module descriptions. Their duration shall generally be min. 90 minutes and max. 240 minutes.

## **§ 7**

### **Oral examinations**

(1) In oral examinations the candidate shall prove that he has an overview of the subject area of examination and is able to put special problems into context. Furthermore, the candidate shall prove that he has an adequate basic knowledge that demonstrates the progress of studies.

(2) Oral examinations are generally conducted by at least two examiners (board examination) or one examiner in the presence of an associate examiner (§17) as individual examinations or group examinations with up to 5 students.

(3) Oral examinations have a duration of 15 to 20 minutes. The exact duration is defined in the module descriptions.

(4) The essential subjects and results of the oral examination shall be noted down in a protocol. The student shall be informed of the result immediately after the oral examination.

(5) Students who sit for the same examination at a later examination date shall be admitted to listen, space permitting, unless the candidate objects. Attendance is not possible during the discussion of the examiners about the examination performance and the announcement of the result to the candidate.

## **§ 8**

### **Presentations**

(1) In presentations students shall demonstrate their competence to critically research and present specific topics/questions. Scope and form are specified in the problem outline.

(2) Presentations are generally graded by the teacher who is responsible for the course in which the presentation is held. § 6 par. 2 sent. 1 and 2 apply mutatis mutandis.

(3) § 7 (4) applies mutatis mutandis.

## **§ 9**

### **Other types of examinations**

(1) Other examinations are evaluated by the same standards and their requirements and duration, if applicable, are specifically defined in the module descriptions. Other types of examinations are lab protocol and modelling project.

(2) The lab protocol is a formalized report about the conducted experiments and the obtained findings. The modelling project comprises the practical application of methods to an example of current research which is summarized in a paper-like report and an oral presentation of the project of 5-10 minutes.

(3) § 6 par. 2 applies mutatis mutandis to other written examinations. § 7 par. 2 and par. 4 applies mutatis mutandis to other non-written examinations.

## **§ 10**

### **Evaluation of examinations, calculation and weighting of marks, announcement of examination results**

(1) The grades obtained for the individual examinations are determined by the relevant examiners. The following grades shall be used:

1 = very good:	an excellent performance;
2 = good:	a performance well above average requirements;
3 = satisfactory:	a performance fulfilling the average requirements;
4 = sufficient:	a performance fulfilling the requirements despite some deficiencies;
5 = insufficient:	a performance which does not fulfil the requirements due to significant deficiencies.

To differentiate the evaluation of the examinations, intermediate values can be formed by lowering or raising the individual grades by 0.3. The grades 0.7, 4.3, 4.7 and 5.3 do not exist.

(2) The module grade is the arithmetic mean of the grades for the individual parts of the examination, weighted according to the specifications in the module description. Only the first decimal place is considered. All other decimal places are deleted without truncation. The module grade is:

for an average up to and including 1.5	=	very good
for an average of 1.6 up to and including 2.5	=	good
for an average of 2.6 up to and including 3.5	=	satisfactory
for an average of 3.6 up to and including 4.0	=	sufficient
for an average above 4.1	=	insufficient.

(3) An overall grade for the Master's examination is calculated. The overall grade is calculated by the weighted arithmetic mean of the final grade for the master thesis and the module marks, weighted according to the ECTS credits granted pursuant to Article 25 par.

1. The final grade of the master thesis is composed of the grade for the thesis with double weight and the grade for the defense with simple weight. Par. 2 sent. 2 also applies to the designation of the overall and final grades. If the overall mark is 1.2 or better, the examination committee awards the rating "passed with distinction".

(4) The overall grade is additionally listed as a relative grade according to the ECTS grading scale.

(5) The modalities of announcing the exam results are to be communicated to the students in a way that is customary at the Biotechnology Center.

## **§ 11**

### **Default, rescission, deceit, breach of regulation**

(1) The examination is deemed to be evaluated as "insufficient" (5.0) if the candidate does not appear for an examination that is binding for him or if he rescinds from the examination without a good cause. This also applies if an examination is not taken within the prescribed time limit.

(2) The good reason brought forward for the rescission or the unexcused absence must be immediately notified to the examination committee in written form and prima facie evidence must be furnished. If the candidate is sick, submission of a medical certificate, in case of doubt issued by a medical health officer, is generally required. With respect to deadlines for the first-time registration for the exams, repetition of exams, unexcused absence from the exams and observance of deadlines, illness of an own child that is mostly reared by the candidate is regarded as equivalent to the sickness of the candidate. If the reason brought forward is accepted, a new examination date is scheduled. The existing results of the examination shall be recognised in this case. The examination committee decides about the acceptance of the rescission or approval of the reason brought forward for the unexcused absence.

(3) If the candidate attempts to influence the examination results by deceit or the use of means that are not permitted, the respective examination is deemed to be "insufficient" (5.0). A candidate who disturbs the due course of examinations can be excluded from the examination by the respective examiner or supervisor; in this case the examination is deemed to be "insufficient" (5.0). In severe cases the examination committee can exclude the candidate from taking any further examinations.

(4) Par. 1 to 3 apply mutatis mutandis to master thesis and defense.

## **§ 12**

### **Passing and failure**

(1) A module examination is passed if it is evaluated as "sufficient" (4.0) or better. In individual cases that are defined in the module descriptions passing of the module requires passing individual exams or assignments. If the module examination is passed, the ECTS credits as specified by the respective module description are granted.

(2) A candidate has passed the Master's examination if he has passed all the module examinations and the Master's thesis and defense. Master thesis and defense are passed, if they are evaluated as "sufficient" (4.0) or better.

(3) A module examination is failed, if the module grade is worse than "sufficient" (4.0). If a module examination consists of more than examination requirement, is deemed as failed in the first attempt if it is clear that an individual exam that is required for passing the module pursuant to par. 1 sent. 2 is evaluated with worse than "sufficient" (4.0) or if pursuant to § 10 par. 2 an average of minimum "sufficient" (4.0) cannot be obtained mathematically any more.

(4) A module examination is definitively failed if it has not been graded with at least "sufficient" (4.0) and cannot be repeated any more. Master thesis and defense are definitively failed if they have not been graded with at least "sufficient" (4.0) and a repetition is not possible any more.

(5) The master's examination is (definitively) failed if either one module examination or the master thesis or the defense are (definitively) failed. § 3 par. 1 remains unaffected.

(6) If the student has failed a module examination or the thesis or defense have been evaluated as worse than „sufficient“ (4.0), he is informed whether and, if applicable, in which scope and in which time he may repeat the respective.

(7) If the candidate has failed the Master's examination, upon request he may receive an attestation that contains the examinations taken and the marks obtained as well as the missing examinations, if applicable, and clearly states that the Master's examination has been failed. The candidate's application must include the relevant documents as well as the ex-matriculation attestation.

### **§ 13**

#### **Trial examination**

(1) Module examinations of the Master's examination can be taken before the time limits defined in the study schedule (appendix 2 of the study regulations) if all admission requirements are fulfilled (trial examination).

(2) Module examinations or examinations that have been evaluated as "sufficient" (4.0) or better can be repeated once at the following regular examination date upon application to improve the grade. In this case the better grade is taken into account. Form and deadline of registration are defined by the examination committee and are announced by customary means at the Biotechnology Center. After the next regular examination date or after the registration deadline has elapsed, another trial for the improvement of the grade is not possible. Examinations which have been evaluated with "sufficient" (4.0) or better will be taken into account upon request when the module examination is repeated.

(3) A module examination that has been failed in the trial examination is deemed as not taken. Examinations that have been evaluated with "sufficient" (4.0) or better are taken into account in the following examination procedure. If the student opts for retaking the exam in order to improve his grade pursuant to par. 2, the better grade is taken into account.

(4) Beyond § 3 par. 4 periods during which the studies have been interrupted due to illness of the student or a child that is mostly reared by himself as well as periods of studying abroad are not taken into account with respect to the time limit for the trial examination.

#### **§ 14**

#### **Repetition of module examinations**

(1) Failed module examinations can be retaken once within one year after completion of the first examination attempt. The deadline starts counting from the date when the examination results have been announced. When this time limit has expired, they are again deemed as failed. An examination that has not been graded yet pursuant to §12 par. 3 sent. 2 can be repeated once more at the next regular examination date, if the repeated module examination pursuant to sent. 1 has been failed because one examination has been graded with below "sufficient" (4.0). The failure due to expired time limit pursuant to §3 par. 1 sent. 2 is also regarded as an evaluation of the examination. If examinations are repeated pursuant to sent. 4, it is regarded as first repetition of the module examination.

(2) A second repetition examination is only possible at the next possible examination date. After that the module examination is deemed as definitively failed. Another attempt is not permitted.

(3) If a module examination consists of several examinations, only those examinations must be repeated which have been evaluated as below "sufficient" (4.0).

(4) The repetition of a passed module examination is only permitted in cases pursuant to § 13 par. 2 and comprises all parts of the examination.

(5) Failed attempts of the module examination in the same or other programs are taken into account.

#### **§ 15**

#### **Recognition of study periods, course and examination achievements as well as non-university qualifications**

(1) Study periods, course and examination achievements are recognised without assessment of their equivalence if they have been obtained in the same master program in the Federal Republic of Germany.

(2) Non-university qualifications, study periods, course and examination achievements of other study courses that do not fall under par. 1 are recognised upon application if they are equivalent. Equivalence is given if content, scope and requirements are largely equivalent to parts of the Master's program of Nanobiophysics at TU Dresden. Equivalence is not determined by a schematic comparison but by an overall consideration and overall assessment. For the recognition of study periods, course and examination achievements that have been completed outside the Federal Republic of Germany, the Lissabon Agreement of November 11, 1997, the equivalence agreements approved by the Standing Conference of Ministers of Education and Cultural Affairs and the German Rectors'

Conference as well as university co-operation agreements shall be observed. Non-university qualifications can substitute for max. 50% of the curriculum.

(3) If course and examination achievements are recognised pursuant to par. 2, study periods are also recognised ex officio. If the grading scales are comparable, the grades shall be taken over and included in the calculation of the overall grade. If the grading systems are not comparable, the mention "passed" is added. They shall not be considered in the calculation of the overall grade. Identification of the recognition in the final transcript is permitted.

(4) Decisions about recognition of study periods, course and examination achievements are taken by the examination committee. The student needs to furnish the documents required for recognition. Study periods, course and examination achievements pursuant to par. 1 are recognised ex officio.

## **§ 16**

### **Examination committee**

(1) An examination committee shall be appointed for the organisation of the examinations as well as for the tasks assigned by these examination regulations for the Master's program Nanobiophysics. It has five members: 3 professors, 1 scientific assistant and 1 student. The term of the members from the teaching side is generally three years; that of the student members is generally one year.

(2) The chairperson of the committee, his substitute, the other non-student members as well as their substitutes are appointed by the Scientific Board of the BIOTEC. The student is appointed upon proposal of the responsible departmental student council. The chairperson of the committee generally manages the issues related to the examination committee.

(3) The examination committee ensures that the provisions of the examination regulations are adhered to. It regularly reports to the Scientific Board of the BIOTEC about the development of examination and study periods including the actual periods of writing the Master's thesis as well as the distribution of module and overall marks. The report shall be disclosed in a suitable way by the TU Dresden. The examination committee makes suggestions for the reform of the study and examination regulations, the module descriptions and the study schedule.

(4) Incriminating decisions must be substantiated and the candidate shall be instructed about his legal remedies available. The examination committee is the appeal authority to decide on appeals filed against its decisions and issues objection notices.

(5) The members of the examination committee have the right to attend examinations and defenses.

(6) The members of the examination committee and their substitutes are obliged to official secrecy. If they do not work in the public sector, they shall be obliged to official secrecy by the chairperson of the committee.

(7) On the basis of the decisions of the examination committee the examination office organises the exams and administrates the exam documents.

## **§ 17**

### **Examiners and associate examiners**

(1) The examination committee appoints the examiners and associate examiners. Only university teachers and other persons who are entitled to conduct examinations and teach autonomously and in their own responsibility at an institution of higher education in the domain examined may be appointed as examiners as provided by the State law unless good reasons require to deviate from this rule. Only a person who has passed the final Master's examination of an institution of higher education or an equivalent examination may be appointed as associate examiner.

(2) The candidate has the right to propose the supervisor of his master thesis and the examiners for oral examinations and the defense. The proposal constitutes no claim.

(3) The names of the examiners shall be notified to the candidate in due time.

(4) Article 16 par. 6 applies mutatis mutandis to examiners and associate examiners.

## **§ 18**

### **Purpose of the Master's examination**

(1) The Master's examination is the proof of the professional qualification obtained in the Master's program.

(2) The Master's examination shall prove that the candidate has the in-depth and profound knowledge and abilities which meet the subject-related and interdisciplinary scientific requirements and are essential in the aspired professional field.

## **§ 19**

### **Issue, submission, evaluation and repetition of the Master's thesis and the defense**

(1) The Master's thesis shall demonstrate that the candidate is able to deal with problems from the field of Nanobiophysics independently using scientific methods within a given time limit.

(2) The topic of the Master's thesis can be issued and supervised by every professor or any other person entitled to conduct examinations according to State law, if he is represented in the Master's program Nanobiophysics at TU Dresden. If the Master's thesis is to be completed in an institution outside the university, the chairperson of the examination committee must give his consent. If the Master's thesis is supervised by a professor of the TU Dresden who is not represented in the Master's program or if the thesis is completed outside the TU Dresden, a second supervisor who is a professor of the TU Dresden and represented in the master program shall be appointed.

(3) The examination committee issues the topic of the Master's thesis. The topic and the time of issuance need to be documented. The candidate may propose topics. Upon application of the students the examination committee arranges for the timely issuing of the thesis topics. The topics need to be issued at the latest at the beginning of the semester following the last module examination.

(4) The topic can be returned once and only within two months after the date of issue. The return of a topic within the time limit stated in (3) is only permitted if the candidate has not made use of this possibility when writing his first thesis.

(5) The Master's thesis can be a group project if the individual part of each student can be identified and graded without ambiguity on the basis of clearly marked paragraphs, page numbers or other objective criteria and if the requirements of par. 1 are fulfilled.

(6) The Master's thesis needs to be submitted in 3 typed and bound copies in English language and as a digital copy on CD to the examination office within the given time limit. The time of submission needs to be documented. On submission, the candidate needs to confirm in writing that he has written his thesis – or in case of a group project his part - independently and has used no other than the indicated sources and means

(7) The Master's thesis shall be evaluated independently by two examiners pursuant to § 10 par. 1. The supervisor of the thesis shall be one of the examiners. The evaluation procedure shall not exceed four weeks.

(8) The grade for the Master's thesis is the average of the 2 grades given by the 2 examiners. If the grades of the two examiners differ by more than 2 grades, the average only counts if both examiners agree. If this is not the case, the examination committee requests another evaluation by a third examiner. In this case the grade for the Master's thesis is the average of all 3 grades. Article 10 par. 2 sent. 2 and 3 apply mutatis mutandis.

(9) If one of the examiners has graded the thesis with "sufficient" (4.0) or better and the other with "insufficient" (5.0) the examination committee requests another evaluation by a third examiner. This evaluation decides about pass or fail. If the thesis is evaluated as pass, the grade for the master thesis is the average of the both grades that are pass, otherwise it is the average of the two votes for fail. Article 10 par. 2 sent. 2 and 3 apply mutatis mutandis.

(10) The Master's thesis can only be repeated once within one year if it has been evaluated with below "sufficient" (4.0).

(11) The candidate needs to defend the results of his work in a public defense in front of an examination board which consists of at least 2 professors who teach in the program Nanobiophysics. The supervisor of the thesis shall be one of the examiners. Other examiners can be consulted. Par. 10 as well as § 7 par. 4 and § 10 par. 1 apply mutatis mutandis. The defense is usually scheduled within 4 weeks after the evaluation of the thesis.

## **§ 20**

### **Master's degree certificate and transcripts**

(1) The candidate is issued a final transcript immediately, if possible within four weeks. The transcript shall list the module grades pursuant to §25 par. 1, the topic, supervisor and grade of the Master's thesis as well as the overall grade and – if §10 par. 3 sent. 4 applies - the rating "passed with distinction". The degree certificate is issued by both partner universities. Upon request of the student the grades of additional modules and the duration required to complete the program can be added in the transcript. Legal prerequisites permitting, an annex to the transcript may list the grades of the student's batch (score record, ranking). The annex also lists all individual examination performances.

(2) Along with the transcript the candidate is awarded the Master's certificate which authenticates the award of the academic degree of "Master of Science". Par. 1 sent. 3 applies. The certificate is signed by the rector of TU Dresden and the chairperson of the examination committee and bears the seal of the university. In addition, the student receives English translations of the certificates and the transcripts.

(3) The transcript indicates the date of the day on which the last examination pursuant to § 12 par. 2 was taken. It is signed by the chairperson of the examination committee and bears the seal of the Biotechnology Center of TU Dresden.

(4) The Technische Universität Dresden issues a Diploma Supplement (DS) in compliance with the "Diploma Supplement Model" of the European Union/European Council /UNESCO. To describe the national educational system (DS section 8), the text agreed between the Standing Conference of the Ministers of Education and Cultural Affairs and the German Rectors Conference shall be used in the applicable version.

## **§ 21**

### **Invalidity of the Master's examination**

(1) If the candidate has cheated in an examination and this fact is disclosed only after the award of the certificate, the grade of the examination can be corrected pursuant to § 11 par. 3. If applicable, the module examination and the Master's examination can be declared as "failed" by the examination committee. The same applies to the Master's thesis and defense.

(2) If the requirements for sitting in an examination were not fulfilled without the candidate's intention to cheat and this fact is disclosed only after the award of the certificate, this cheating is remedied by the successful examination. If the candidate has deliberately wrongfully effected the participation in an examination, the module examination and the Master's examination can be declared as "failed" by the examination committee. The same applies to Master's thesis and defense.

(3) Before a decision is taken, the candidate shall be given the opportunity to comment.

(4) The wrong transcript shall be withdrawn by the chairperson of the examination committee and, if applicable, a new one shall be awarded. Along with the incorrect transcript the Master's degree certificate and the Diploma Supplement shall be withdrawn if the Master's examination has been declared as "failed" due to deceit. A decision pursuant to par.1 and par. 2 sent. 2 is excluded after a time limit of five years to be counted from the issuing date of the transcript.

## **§ 22**

### **Inspection of examination files**

Inspection of the written examinations, the evaluations relating to them and the examination protocols shall be granted to the candidate upon request within one year after completion of the examination procedure.

## **II Specific provisions**

### **§ 23**

#### **Duration, structure and scope of the program**

(1) The standard period of study is four semesters pursuant to § 1.

(2) The structure of the program is modular and is concluded with the master's thesis and the defense. The students can choose between the track Molecular Biophysics and the track Nanoscience and Nanotechnology. The latter consists of two possible specialisations Biophysics or Nanoelectronics. The track Nanoscience and Nanotechnology requires an obligatory first year at the KU Leuven (Belgium).

(3) By passing the Master's examination incl. the modules, thesis and defense the students earn 120 credits.

### **§ 24**

#### **Requirements for the Master's examination**

The topic of the Master's thesis is issued if at least 78 of the total 90 credit points in the modules have been acquired. The Master's thesis needs to be evaluated with "sufficient" (4.0) or better before the defense.

### **§ 25**

#### **Subject, type and scope of the Master's examination**

(1) The Master's examination consists of all examinations of the obligatory modules and the examinations of the chosen elective modules as well as the Master's thesis and the defense. In the track Nanoscience and Nanotechnology it also comprises the course and exam requirements at the KU Leuven.

(2) The obligatory modules in the track Molecular Biophysics are

1. Fundamentals of Biophysics
2. Introduction to Polymer Science and Soft Condensed Matter
3. Introduction to Biochemistry and Molecular Cell Biology
4. Elements of Nanobiotechnology
5. Concepts of Molecular Modelling
6. Applied Nanotechnology
7. Nanostructured Materials

8. Advanced Biophysics
9. Lab Rotation Biophysics
10. Lab Rotation Nanophysics
11. Lab Rotation Choice
12. Specialization module

(3) The obligatory modules in the track Nanoscience and Nanotechnology are

1. Molecular Biophysics
2. Biological Oriented Module

(4) The electives in the track Nanoscience and Nanotechnology

1. in the specialisation option Biophysics are

- a) Lab Rotation Biophysics
- b) Broadening Module as well as

2. in the specialization option Nanoelectronics are

- a) Molecular Electronics
- b) Nanooptics and Molecular Magnetism

The students need to choose one specialisation.

(5) The type and scope of the examinations of each module are defined in the module descriptions. Subject of the module examinations are the topics and acquired skills and competences of each module unless specified differently in the module descriptions.

(6) The student may choose to take examinations in additional modules to the ones specified in par. 1. These examinations may be chosen from the complete course offer of TU Dresden or a cooperating university. They are neither taken into account for the overall workload for the student nor for the overall grade.

## **§ 26**

### **Period of completion for the Master's thesis and duration of the defense**

(1) The period of completion for the Master's thesis is 25 weeks; 29 credits are awarded. Topic, problem and scope of the Master's thesis must be defined by the supervisor in such a way that the time limit for its completion can be observed. In individual cases the examination committee can extend the deadline exceptionally by max. two months for well-founded reasons. The number of credits remains unaffected by the deadline extension.

(2) The defense has a duration of 30 minutes, 1 credit point is awarded.

## **§ 27**

### **Master's Degree**

Students who have successfully completed their Master's examination are awarded the academic degree of "Master of Science" (abbreviated form "M.Sc."). Students in the track

Nanoscience and Nanotechnology are awarded a joint degree with KU Leuven (Belgium).

### **III. Final Provisions**

#### **§ 28**

#### **Transitional Rules**

(1) These study regulations are applicable to the students enrolled from winter semester 2010/11.

(2) All students who have been enrolled before winter semester 2010/11 shall complete the program on the basis of the examination regulations for the master program Nanobiophysics dated October 29, 2008.

#### **§ 29**

#### **Entry into force and publication**

The examination regulations shall enter into force on October 1, 2010 and be published in the Official Publications (Amtliche Bekanntmachungen) of the Technische Universität Dresden.

Enacted on the basis of the resolution of the Scientific Board of BIOTEC on ... and the approval of the Rectorate of TU Dresden on xxx

Dresden, xxx

The Rector of the Technische Universität Dresden