

Technische Universität Dresden
Faculty of Physics

**Examination Regulations
for the Master's degree program in Physics
from winter semester 2022/2023**

Consolidated version of [official announcements](#) of TU Dresden of July 25, 2015, the [First Amending Statute of Examination Regulations](#) of March 22, 2018 and the [Second Amending Statute of Examination Regulations](#) of April 27.

This is valid for all students enrolled in the Master's degree program in Physics.

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.

Examination Regulations for the consecutive Master's degree program in Physics

as of July 25, 2015

Based on § 34 para. 1 sentence 1 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 Article 11 of the Act of April 29, 2015 (SächsGVBl. p. 349, 354), Technische Universität Dresden issues the following Examination Regulations as statutes.

Table of contents

Part 1: General regulations

- § 1 Standard period of study
- § 2 Examination structure
- § 3 Deadlines and dates
- § 4 General admission requirements and admission procedures
- § 5 Types of examined assessments
- § 6 Oral examinations
- § 7 Oral presentations
- § 8 Scientific defenses
- § 9 Other examined assessments
- § 10 Assessment of examined assessments, calculation and weighting of grades, publication of examination results
- § 11 Non-appearance/Non-submission, withdrawal, cheating, violation of rules and regulations
- § 12 Passing and failing
- § 13 Free attempt
- § 14 Re-taking module examinations
- § 15 Recognition of study achievements and examined assessments, periods of study, and qualifications obtained outside a university
- § 16 Examination Committee
- § 17 Examiners and assessors
- § 18 Purpose of the Master's examination
- § 19 Purpose, issue, submission, assessment and re-submission of the Master's thesis
- § 20 Examination certificate and Master's degree certificate
- § 21 Invalidity of the Master's examination
- § 22 Access to examination files

Part 2: Subject-specific regulations

§ 23 Duration, structure and scope of the degree program

§ 24 Subject-specific requirements for the Master's examination

§ 25 Subject, nature and scope of the Master's examination

§ 26 Alloted time to complete the Master's thesis

§ 27 Master's degree

Appendix List of elective compulsory modules of the non-physics supplement

Part 1: General regulations

§ 1

Standard period of study

The standard period of study for the Master's degree program in Physics includes on-site attendance, self-study and the Master's examination.

§ 2

Examination structure

The Master's examination consists of module examinations and the Master's thesis. A module is concluded by a module examination, which usually consists of one examined assessment. Examined assessments are accomplished throughout the program.

§ 3

Deadlines and dates

(1) The Master's examination shall be taken within the standard period of study. A Master's examination that has not been taken within four semesters following the standard period of study will be considered as failed. A failed Master's examination can be repeated once within one year. Once this period expires, it is again considered failed. A second repeat examination is only possible the next time it is held, thereafter the Master's examination is deemed to be irrevocably failed.

(2) Module examinations shall be taken by the end of the semester stated in the study schedule.

(3) Technische Universität Dresden, through its study regulations and courses offered, ensures that study achievements and examined assessments as well as the Master's thesis can be completed within the specified periods of time. Students will be informed in good time about the nature and the number of the required study achievements and examined assessments as well as about the respective deadlines; the same holds true for the issuing and submitting of the Master's thesis. For each module examination, students will also be informed about the respective opportunity to repeat the examination.

(4) During maternity and parental leave, deadlines do not apply and the leave is not counted towards current deadlines.

§ 4

General admission requirements and admission procedures

(1) Students can only be admitted to the Master's examination if

1. they are enrolled in the Master's program Physics at Technische Universität Dresden, and
2. they have proven the subject-specific requirements (§ 24), and
3. they have made a declaration regarding para. 4 no. 3 recorded in a data processing system.

(2) In order to submit examined assessments, students must register. The student has the right to cancel the registration up to three working days before the scheduled exam day without giving any reason (withdrawal). Procedures and the deadline for registration as well as the procedure for

withdrawal are specified by the Examination Committee and published at the beginning of each semester by the Faculty in the usual manner.

(3) Admission is granted

1. to a module examination generally on the basis of the first registration for an examined assessment of this very module examination,
2. to the module examination of the Scientific Studies module automatically with the enrollment to the module. The right of withdrawal pursuant to para. 2 sentence 2 shall remain unaffected,
3. in the elective compulsory modules of the non-physics supplement to an examined assessment on the basis of the respective registration,
4. to the Master's thesis on the basis of a student's request for issue of the topic, or if § 19 para. 3 sentence 5 applies, upon issue of the topic.

(4) Admission is denied if

1. the requirements stated in para. 1 or the rules of procedure stated in para. 2 are not met, or
2. the documents are incomplete, or
3. the student has already irrevocably failed an examination required for the completion of the Master's degree in Physics.

(5) Admissions decisions will be taken by the Examination Committee. The announcement thereof may be public. § 16 para. 4 remains unaffected.

§ 5

Types of examined assessments

(1) Examined assessments are completed in the form of

1. oral examinations (§ 6),
2. oral presentations (§ 7),
3. scientific defenses (§ 8),
4. and other examined assessments (§ 9).

Written multiple-choice examinations are excluded.

(2) Unless otherwise specified in the module description, examined assessments and course-work must be completed in either German or English.

(3) If a student proves that, due to extended or permanent physical impairment or chronic illness, they are unable to accomplish an examined assessment or parts thereof in the stipulated form, the chairperson of the Examination Committee will approve an extension or an equivalent manner for the examined assessment. For this purpose, the student may be required to submit a medical certificate and, in cases of doubt, an official medical certificate by a public health officer (*Amtsarzt*). The same applies to preliminary academic work.

(4) If a student proves that, due to taking care of their own children up to the age of 14 or caring for close relatives, examined assessments cannot be taken as stipulated, the chairperson of the Examination Committee, upon request, will approve an equivalent method for taking the examination. Close relatives are children, parents, siblings, grandparents, spouses, and life partners. The chairperson of the Examination Committee will decide how the examined assessment is to be produced in consultation with the responsible examiner at their due discretion. Suitable measures to compensate for disadvantages are, for example, extended time allowance, extended breaks, use of other media, use of other examination rooms within the university or another examination date. The same applies to preliminary academic work.

§ 6

Oral examinations

(1) Oral examinations are intended to demonstrate the student's competence to recognize the interdependences of the examined subject and to be able to place particular issues within these correlations, to analyze them, and to resolve them as far as possible.

(2) Oral examinations are usually taken as individual examinations in the presence of two examiners (colleague examination) or one examiner and one expert assessor (§ 17).

(3) Oral examinations shall run for 30 to 60 minutes. The specific scope is determined in each case in the module descriptions.

(4) The main points and results of the oral examination shall be recorded in a protocol. The result must be announced to the student directly after the oral examination.

(5) Students who wish to take the same examination at a later date shall be admitted as listeners if the facilities allow for this, unless the student to be examined objects. The admitted listeners are not entitled to participate in the deliberation and the announcement of the examination results.

§ 7

Oral presentations

(1) Oral presentations are intended for students to prove their ability to prepare specific academic questions, present them, and defend them in a discussion. The scope and design are determined in the assignment.

(2) § 6 para. 2 shall apply accordingly. The lecturer responsible for the course in which the oral presentation is assigned and, if applicable, presented, shall be one of the examiners.

(3) § 6 para. 4 shall apply accordingly.

§ 8

Scientific defenses

(1) Scientific defenses are intended to demonstrate the student's competence in presenting the results of their own work on a scientific problem in a media-supported manner to an expert audience and in defending them in an in-depth scientific discussion.

(2) § 6 para. 2 and 4 as well as § 7 para. 2 sentence 2 shall apply accordingly.

§ 9

Other examined assessments

(1) Students shall provide proof of defined learning outcomes through other specifically determined examination forms (other examined assessments) that can be assessed according to equal standards, and are described in the module descriptions, the elective compulsory modules of the non-physics supplement including the minor course catalogue of the Master's degree program in

Physics, comprising the requirements as well as the time frame, if applicable. Other examined assessments include written examinations, project work, seminar papers and placement reports.

(2) Written examinations are intended for students to prove that they are able to resolve tasks and analyze topics drawing on the required fundamental knowledge and using the standard methods of the degree program with time constraints and with limited resources. Project work generally demonstrates the ability to work in a team and, in particular, to develop, implement and present concepts. The student shall demonstrate the competence to define goals for an overarching task and to develop interdisciplinary solutions and concepts. Seminar papers are intended to demonstrate the student's competence in dealing with selected issues on the basis of specialist literature or other sources. Furthermore, they are intended to assess whether students are familiar with the basic techniques of scientific work. In placement reports and based on protocols prepared during the placement, students demonstrate that they are capable of preparing and performing the placement tasks following the instructions and of evaluating and discussing the results.

(3) Other examined assessments that students are required to pass in order to continue their studies shall be marked by two examiners as a general rule, however, in the case of repeat examinations, two examiners are compulsory. The grade is calculated as the average of the individual grades pursuant to § 10 para. 1. The time for assessing the work shall not exceed four weeks.

§ 10

Assessment of examined assessments, calculation and weighting of grades, publication of examination results

(1) Assessments of the individual examined assessments are determined by the responsible examiners. The following grades shall be used:

1 = very good	= a very good performance;
2 = good	= a performance considerably exceeding average requirements;
3 = satisfactory	= a performance that meets average requirements;
4 = pass	= a performance that meets the requirements despite some inadequacies;
5 = fail	= a performance that does not meet the requirements because of grave inadequacies.

For a more differentiated assessment, individual grades can be raised or lowered by 0.3 to obtain intermediate values; whereby the grades 0.7, 4.3, 4.7 and 5.3 are excluded. An individual examined assessment is solely assessed as "passed" or "failed" (ungraded examined assessment) if the relevant module description provides an exception for this. Ungraded examined assessments that are assessed as "passed" do not enter into further grade calculations; ungraded examined assessments assessed as "failed" receive the grade 5 (fail). They are then included in further grade calculations.

(2) The module grade is calculated as the average of the individual examination grades which may be weighted as specified in the module descriptions. Only the first decimal point is taken into account; all further decimals are removed without rounding. On the basis of the averages, the module grades are:

1.5 and better	= very good
1.6 to 2.5	= good
2.6 to 3.5	= satisfactory
3.6 to 4.0	= pass
4.1 and worse	= fail.

(3) Module examinations that solely consist of an ungraded examined assessment are assessed as "passed" or "failed" in accordance with the grading of the examined assessment (ungraded module examinations). Ungraded module examinations do not enter into further grade calculations.

(4) For the Master's examination, an overall grade is calculated. The overall grade of the Master's examination is calculated on the basis of the grade of the Master's thesis and the module grades pursuant to § 25 para. 1 with the following weighting:

35% Master's thesis,

26% Physics Specialization,

13% Experimental Physics,

13% Theoretical Physics,

13% Elective compulsory module of the non-physics supplement.

For the overall grade, para. 2 sentences 2 and 3 shall apply accordingly.

(5) Additionally, the overall grade of the Master's examination is indicated as a relative grade corresponding to the ECTS grading scale.

(6) The modalities for the announcement of the examination results will be communicated to the students by the Faculty in the usual manner.

§ 11

Non-appearance/Non-submission, withdrawal, cheating, violation of rules and regulations

(1) An examined assessment is deemed to be "fail" (5.0) or "failed" if a student fails to appear for or withdraws from a compulsory examination without due justification. The same shall apply when an examined assessment is not completed within the specified period of time.

(2) The given reason for non-appearance, non-submission, or withdrawal shall be immediately communicated and justified in writing to the Examination Office. In case of illness, the student normally shall provide a doctor's note and, in cases of doubt, a note from a public health officer (*Amtsarzt*). With regard to deadlines for the first entry into examinations, re-taking of examinations, reasons for non-appearance at examinations and the adherence to submission periods, the illness of a child in need of care who is mainly cared for by the student shall be equivalent to the illness of the student themselves. If the reason is accepted, a new date is set. In this case, already existing examination results shall be considered. Acceptance of the withdrawal or the reason for non-appearance or non-submission is subject to the decision of the Examination Committee.

(3) If a student attempts to manipulate the result of the examined assessment by cheating or by using illicit aids, the examination concerned is deemed to be assessed as "fail" (5.0). Ungraded examinations will be assessed as "failed" accordingly. A student who is disrupting the normal proceedings of an examination may be excluded from continuing the examination by the respective examiner or proctor; in this case, the examination is assessed as "fail" (5.0) or "failed". In serious cases, the Examination Committee may exclude the student from taking any further examinations.

(4) For preliminary academic work and the Master's thesis, para. 1 to 3 apply accordingly.

(5) If the student declares in writing to the Examination Office that they wish to waive the completion of an examination, this examination will be considered "fail" (5.0) or "failed" in the respective examination attempt. The waiver is irrevocable and presupposes admission pursuant to § 4.

§ 12
Passing and failing

(1) In order to pass a module examination, the module grade needs to be at least “pass” (4.0) or the ungraded module examination needs to be assessed as “passed”. If the module examination is passed, the credit points specified for the module in the module descriptions are awarded.

(2) The Master's examination is passed if both the module examinations and the Master's thesis have been passed. The Master's thesis is passed if it has received the grade “pass” (4.0) or better.

(3) A module examination is failed if the module grade is below “pass” (4.0) or if the ungraded module is assessed as “failed”.

(4) A module examination is irrevocably failed if it has not been assessed as at least “pass” (4.0) or if the ungraded module examination is assessed as “failed” and cannot be re-taken. The Master's thesis is irrevocably failed if it has not been assessed as at least “pass” (4.0) and if it cannot be re-submitted.

(5) Master's examination examination is failed or irrevocably failed if either one of the module examinations or the Master's thesis has been failed or irrevocably failed. § 3 para. 1 remains unaffected.

(6) If a student has failed a module examination or the Master's thesis has been assessed as below “pass” (4.0), the student is informed as to whether, when and to what extent they can re-take or re-submit it.

(7) If a student failed the Master's examination, upon request and upon submission of the relevant proof and the certificate of de-registration (withdrawal from the student registry), the student is provided with a certificate listing the completed examined assessments including the results, as well as those that have not been completed (if this is relevant) showing that the Master's examination has not been passed.

§ 13
Free attempt

(1) Module examinations may also be taken prior to the semesters specified in the study schedule if the admission requirements are met (free attempt).

(2) Upon request, module examinations or examined assessments graded at least “pass” (4.0) in the free attempt may be repeated once the next time the examination is regularly held in order to improve the grade. In this case, the better assessment counts. The form and deadline for the request are specified by the Examination Committee and announced by the Faculty in the usual manner. Once the next regular examination date or the application deadline has passed, the student can no longer improve their grade. When a module examination is repeated in order to improve the grade, examination results that were graded at least “pass” (4.0) in the free attempt will be credited upon the student's request; examined assessments that were assessed as “passed” in the free attempt will be credited ex officio.

(3) A module examination that has not been passed in the free attempt shall be deemed not to have been taken. Examined assessments that have been assessed with at least “pass” (4.0) or with

“passed” will be credited in the following examination procedure. If the option to improve grades pursuant to para. 2 is used for examined assessments, the better grade will be credited.

(4) In addition to § 3 para. 4, periods of interruption of studies due to a prolonged illness of the student or a child to be cared for predominantly by the student, and periods of study abroad will not be counted when applying the free attempt rule.

§ 14

Re-taking module examinations

(1) Failed module examinations can be repeated once within one year following the first examination attempt. This period of time begins with the announcement of the first failed attempt of the module examination. After this deadline expires, the examination is once again deemed to be failed.

(2) An examination can only be repeated a second time the next time it is held. After that, the module examination is deemed to have been irrevocably failed. Another repeat examination is not permissible.

(3) Repeating a failed module examination that consists of several parts entails only those examined assessments that were not assessed as at least “pass” (4.0) or “passed”.

(4) Repeating a module examination that has been passed is only permitted in the case regulated in § 13 para. 2 and includes all examined assessments.

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

§ 15

Recognition of study achievements and examined assessments, periods of study, and qualifications obtained outside a university

(1) Study achievements and examined assessments accomplished at a different university are recognized upon request of the student if there are no substantial differences in the acquired skills. Further agreements between Technische Universität Dresden, the German Rectors' Conference, the Standing Conference of the Ministers of Education and Cultural Affairs, as well as agreements ratified by the Federal Republic of Germany shall be observed, if applicable.

(2) Qualifications obtained outside a university are recognized upon request of the student if they are deemed to be equivalent. Qualifications are equivalent if their contents, scope and requirements are fundamentally similar to parts of the Master's program Physics at Technische Universität Dresden. The qualification comparison shall not be schematic, instead it should be considered and assessed in its entirety. Qualifications acquired outside of a university can substitute for a maximum of 50% of the degree program.

(3) Study achievements and examined assessments in the same degree program accomplished in the Federal Republic of Germany are transferred ex officio.

(4) Study achievements and examined assessments accomplished at a different university can be recognized despite substantial differences if, when assessed as a whole, their contents and

qualification objectives are equivalent to the intent and purpose of the modules included in this degree program, and they are thus structurally equivalent. The degree certificate shows the assessments that were actually accomplished.

(5) If study achievements and examined assessments are recognized or transferred according to para. 1, 3 or 4, or if qualifications obtained outside a university are recognized according to para. 2, the respective study periods are ex officio recognized as well. If the grading systems are comparable, grades are transferred and enter into further grading calculations. If the grading systems cannot be compared, a note "passed" is added and they do not enter into further grading calculations. Notes in the examination certificate on which of the grades have been recognized are permissible.

(6) Recognition is decided by the Examination Committee. The student needs to provide the required documents. After submission, the recognition procedure must not exceed one month. If recognition is denied, § 16 para. 4 sentence 1 shall apply.

§ 16 Examination Committee

(1) An Examination Committee for the Master's program Physics is established that will conduct and organize examinations and take on the tasks assigned in the Examination Regulations. The Examination Committee consists of four lecturers, one research associate, and two students. With the exception of the students, the term of office shall be three years. The term of office of the student members shall be one year.

(2) The chairperson, their deputy, and the other members and their deputies are appointed by the Faculty Board of the Faculty of Physics; student members are appointed upon recommendation by the Faculty Student Council. The chairperson manages the Examination Committee, as a rule.

(3) The Examination Committee ensures that the stipulations of the Examination Regulations are adhered to. The Committee reports to the Faculty Board Physics on a regular basis on the development of examination and study periods including the actual time spent on the Master's thesis, as well as about the distribution of the module and overall grades. The report must be disclosed by Technische Universität Dresden in a suitable manner. The Examination Committee offers suggestions to reform the Examination Regulations, the Study Regulations, the Module Descriptions, and the Study Schedule.

(4) Decisions that adversely affect students must be announced to them in writing, including a justification and information about legal appeal options. The Examination Committee as the examination authority rules on appeals against such decisions in due course, and communicates its decisions concerning the appeal.

(5) The members of the Examination Committee are entitled to attend any examination.

(6) The members of the Examination Committee and their deputies must abide by the duty of official confidentiality. The chairperson shall oblige any members who are not public service staff to maintain official confidentiality.

(7) Based on the decisions of the Examination Committee, the Examination Office organizes the examinations and manages the examination files.

§ 17

Examiners and assessors

(1) The Examination Committee appoints the examiners from amongst university lecturers and other individuals who are authorized to be examiners under Saxon State Law. A person can only be appointed assessor if they have passed the respective Master's examination or at least a comparable examination.

(2) The student may nominate the supervisor for their Master's thesis and the examiners for oral examinations. This suggestion does not bear any entitlement.

(3) The names of the examiners should be made known to the student in good time.

(4) For examiners and assessors, § 16 para. 6 shall apply accordingly.

§ 18

Purpose of the Master's examination

Passing the Master's examination concludes the degree program and qualifies the student for professional work. It demonstrates that graduates possess the in-depth specialist knowledge required for professional practice, understand interdisciplinary links and are qualified for highly specialized activities in all areas of work in Physics and adjacent areas.

§ 19

Purpose, issue, submission, assessment and re-submission of the Master's thesis

(1) The purpose of the Master's thesis is to prove that the student is able to analyze issues of the degree program through independent work and within a given period of time, using academic methods.

(2) The Master's thesis can be supervised by a professor or another individual who is authorized to examine according to the Act on the Autonomy of Institutions of Higher Education in the Free State of Saxony, provided that they are working at the Faculty of Physics of Technische Universität Dresden. If an extramural person authorized to be an examiner is to supervise the Master's thesis, the chairperson of the Examination Committee must approve such supervision.

(3) The Examination Committee issues the topic of the Master's thesis. The topic and date of issuance shall be documented. Students are allowed to suggest a topic. Upon the request of the student, the Examination Committee issues the topic of the Master's thesis in a timely manner. The Examination Committee issues the topic ex officio at the latest one month after completion of the last module examination.

(4) The topic can be changed only once within two months of being issued. In case of re-submission of the Master's thesis, changing the topic is only permitted if the student did not use this option for the first submission. If a student has changed their topic, they are immediately issued a new topic in accordance with para. 3 sentences 1 to 3.

(5) The Master's thesis can not be produced as a group thesis.

(6) Two typed and bound copies of the Master's thesis written in German or English shall be submitted to the Examination Office before the deadline, as well as a digital copy on a suitable and labeled storage device; the date of submission shall be documented. Students must provide a written declaration alongside the submission of the thesis stating that the work submitted is their own and that they did not use any sources and tools other than those that they have indicated.

(7) The Master's thesis shall be marked by two examiners separately according to § 10 para. 1 sentences 1 to 3. The supervisor of the Master's thesis shall be one of the examiners. The time for assessing the work shall not exceed four weeks.

(8) The grade for the Master's thesis is calculated as the average of the individual grades given by the two examiners. If the two individual grades given by the examiners differ by more than two grades, the average is only valid if both examiners agree on this. If this is not the case, the Examination Committee arranges for the thesis to be marked by an additional examiner. In this case, the grade of the Master's thesis is calculated as the average of the three individual grades. § 10 para. 2 sentences 2 and 3 shall apply accordingly.

(9) If one of the examiners has assessed the Master's thesis as at least "pass" (4.0) and the other examiner as "fail" (5.0), the Examination Committee arranges for the thesis to be marked by an additional examiner. The additional examiner then decides whether the Master's thesis is passed or failed. If the thesis is then deemed to be passed, the grade of the Master's thesis is calculated as the average of the individual grades given in favor of pass, in the opposite case in favor of fail. § 10 para. 2 sentences 2 and 3 shall apply accordingly.

(10) If the grade of the Master's thesis is below "pass" (4.0), it can be repeated once within one year.

§ 20

Examination certificate and Master's degree certificate

(1) Upon passing the Master's examination, students receive an examination certificate without undue delay, if possible within four weeks after the thesis has been assessed. The Master's examination certificate must include the module results according to § 25 para. 1, the topic, grade and supervisor of the Master's thesis, as well as the overall grade. Upon request of the student, the certificate also shows the results of additional modules and the study time spent on the completion of the Master's examination, and if the legal requirements provide for this, a supplement to the certificate also includes the quantile of the respective examination year.

(2) Concurrent with receiving the Master's examination certificate, students shall receive the Master's degree certificate with the date identical to that of the examination certificate. It certifies that the Master's degree has been awarded. The Master's degree certificate is signed by the Rector and by the chairperson of the Examination Committee and bears the seal of Technische Universität Dresden. Additionally, students are provided with an English translation of both the degree certificate and the examination certificate.

(3) The examination certificate bears the date of completion of the last part of the examination according to § 12 para. 2. It is signed by the chairperson of the Examination Committee and bears the Faculty seal of Technische Universität Dresden.

(4) Technische Universität Dresden issues a Diploma Supplement (DS) in accordance with the Diploma Supplement model of the European Union/Council of Europe/UNESCO. For information

on the German higher education system (DS para. 8), the text agreed upon by the Conference of the Ministers of Education and Cultural Affairs and the German Rector's Conference shall be used as amended.

§ 21

Invalidity of the Master's examination

(1) If a student has cheated in an examined assessment and if this cheating is only discovered after the examination certificate has been issued, the results of the examined assessment can be amended according to § 11 para. 3. If applicable, the Examination Committee may declare the module examination as "fail" (5.0) and the final examination as "failed". The same applies to ungraded module examinations and the Master's thesis.

(2) If the requirements for taking a module examination or examined assessment had not been met and this had not been discovered prior to the issuance of the examination certificate and the student was not at fault, this irregularity is rectified by passing the module examination or the examined assessment. If the student intentionally and unduly obtained admission to a module examination or examined assessment, the Examination Committee may assess the module examination or the examined assessment including the module examination as "fail" (5.0) and the Master's examination as "failed". The same applies to ungraded module examinations, ungraded examined assessments, and the Master's thesis.

(3) Prior to a decision, the student must be given the opportunity to make a statement.

(4) The incorrect examination certificate must be retracted by the chairperson of the Examination Committee and replaced by a new one, if applicable. If the Master's examination has been declared "failed" due to cheating, the Master's degree certificate, any translations, and the Diploma Supplement must be retracted together with the now invalid examination certificate. Following a period of 5 years since the date of the examination certificate, a decision according to para. 1 and para. 2 sentences 2 or 3 is no longer permissible.

§ 22

Access to examination files

Within one year after completion of the examinations, the student will be granted access to their written examination papers, the related expert opinions and the examination protocols within a reasonable period of time upon request.

Part 2: Subject-specific regulations

§ 23

Duration, structure and scope of the degree program

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

(2) The program is divided into modules and is concluded with the Master's examination.

(3) By passing the Master's examination, a total of 120 credits are awarded for modules and the Master's thesis.

§ 24

Subject-specific requirements for the Master's examination

For the module examinations and examined assessments, study achievements may be required as preliminary academic work. Their number, type and design must be regulated in the module descriptions, and the number of repeat attempts may be limited as well. Passing the Scientific Studies module is a prerequisite for the Master's thesis.

§ 25

Subject, nature and scope of the Master's examination

(1) The Master's examination comprises all module examinations of the compulsory field and the selected module of the elective compulsory field as well as the Master's thesis.

(2) The degree program comprises the following compulsory modules:

1. Physics Specialisation,
2. Advanced Scientific Seminar
3. Experimental Physics,
4. Theoretical Physics,
5. Scientific Studies.

(3) Modules of the elective compulsory field, one of which must be chosen, are indicated in the appendix to the Examination Regulations.

(4) The required examined assessments in the modules and their type and structure are specified in the module descriptions. The subject matter of the examined assessments consist of the contents and skills acquired in the module, if not stated otherwise in the module descriptions.

(5) Students can take examinations in modules other than those stipulated in para. 1 (additional modules). Optionally, these module examinations can be selected from the full range of modules offered at Technische Universität Dresden or a cooperating university after consultation with the examiner. They do not enter into the calculations of a student's workload nor of the overall grade.

§ 26

Alloted time to complete the Master's thesis

Students have 26 weeks to complete their Master's thesis, and 30 credits are awarded for it. The supervisor shall limit the topic, tasks, and scope of the Master's thesis so that the deadline for the submission of the Master's thesis can be realistically met. In specific cases and upon justified request, the Examination Committee may extend the period by up to a maximum of 6 weeks, the number of credits awarded remains unaffected.

§ 27
Master's degree

If the Master's examination is passed, the "Master of Science" degree (abbr. M.Sc.) is awarded.

Appendix

List of elective compulsory modules of the non-physics supplement

1. Non-Physics Supplementary Course Mathematics
2. Non-Physics Supplementary Course Biomathematics
3. Non-Physics Supplementary Course Chemistry
4. Non-Physics Supplementary Course Biology
5. Non-Physics Supplementary Course Molecular Bioengineering
6. Non-Physics Supplementary Course Computer Science
7. Non-Physics Supplementary Course Philosophy
8. Non-Physics Supplementary Course Electrical Engineering
9. Non-Physics Supplementary Course Mechanical Engineering
10. Non-Physics Supplementary Course Materials Science
11. Non-Physics Supplementary Course Business Administration
12. Non-Physics Supplementary Course Economics