Technische Universität Dresden  
Faculty of Computer Science

The present English version of the examination regulations is a non-official version. It has no legal binding effect. Only the German version is legally binding.

Examination regulations for the consecutive master program  
Computational Logic

as per #Datum#

Pursuant to § 36 of the ‘Law Governing the Universities in the Free State of Saxony’ (Sächsisches Hochschulfreiheitsgesetz – SächsHSFG) of December 10, 2008, last amended on January 1, 2013, by article 10 of the Act of 26 June the Technische Universität Dresden enacts the following examination regulations as a statute.

Summary

Section 1: General provisions

§ 1 Standard period of study  
§ 2 Examination structure  
§ 3 Dates and deadlines  
§ 4 General requirements for admission and admission procedures  
§ 5 Types of examination performances  
§ 6 Written exams  
§ 7 Seminar papers  
§ 8 Oral assessments  
§ 9 Scientific talks  
§ 10 Project work and other assessments  
§ 11 Assessment of assessments, calculation and weighting of grades, announcement of examination results  
§ 12 Non-appearance, withdrawals, cheating, breach of regulations  
§ 13 Passing and failing  
§ 14 Retake of module examinations  
§ 15 Recognition of study periods, academic achievements and assessments and also qualifications obtained outside universities
§ 16 Examination committee
§ 17 Examiners and co-examiners
§ 18 Purpose of the Master examination
§ 19 Purpose, issue, submission, assessment and re-submission of a Master thesis and its defense
§ 20 Master degree certificate and certificate of grades
§ 21 Invalid master examination
§ 22 Examination of exam records

Section 2: Subject-specific provisions

§ 23 Duration and structure of studies, total of hours
§ 24 Subject-related prerequisites for the Master examination and maximal possibilities of retake
§ 25 Subject, kind and scope of the Master examination
§ 26 Time for working on the Master thesis and duration of the defense
§ 27 Master degree

Section 3: Closing provisions

§ 28 Coming into force and public notice
Section 1: General provisions

§ 1
Standard period of study

During the standard period of study for the master program Computational Logic, students are required to accomplish face-to-face studies, private study and the Master examination.

§ 2
Examination structure

The Master examination comprises module examinations, the Master thesis and its defense. By taking a module exam the student completes a module. As a rule, a module exam is an exam or qualifications equivalent to an exam. The equivalent qualificationss are taken throughout the courses.

§ 3
Dates and deadlines

(1) Students are expected to pass the Master examination within the standard period of study. Unless the Master examination is passed within four semesters after the end of the standard period of study, the exam is considered as failed. A failed Master examination can be retaken only once within one year. After this deadline has passed the exam is considered as failed once again. A second attempt of a retake is only possible at the next scheduled exam date. Afterwards the Master examination is considered as failed at the final attempt.

(2) Module examinations shall be taken by the end of the respective semester as defined in the curriculum structure.

(3) On the basis of the study regulations and the courses offered, the Technische Universität Dresden ensures that academic qualifications and exams and also the Master thesis and its defense can be accomplished within the defined periods of time. Students are informed in time about type and number of academic qualifications and exams, about the dates when they have to be delivered, as well as about the dates of issue and submission of the Master thesis and the date of its defense. With every module exam the students must be informed about the possibility of a retake.

(4) During times of maternity and parental leave, periods (as described above) do not start and maternity and parental leave times do not count towards running periods.

§ 4
General requirements for admission and admission procedures

(1) The Master examination can only be taken by students who

1. are enrolled in the Master programme Computational Logic at the Technische Universität Dresden and
2. have fulfilled the relevant subject-related prerequisites (§ 24) and
3. have made a declaration relating to section 4 no. 3 either in writing or recorded in a data processing system.

(2) For taking exams or rendering other assessments, students have to register. Registration procedures and deadlines are defined by the Examination Committee and are publicly announced by the faculty in the known manner at the beginning of each semester. Later cancellation is possible without stating reasons. In case of oral exams the respective deadline expires two weeks before the date of examination, and it expires 3 working days before the date of examination in case of all other kinds of examinations.

(3) Students are admitted to
1. an assessment because of the relevant exam booking
2. to the Master thesis because of the application for a thesis topic or, in case of § 19 sec. 3 sentence 5, as the topic is handed over and
3. to the defense of the Master thesis because the student was given grade “passed” (4.0) or better for the Master thesis.

(4) Admission may only be refused if
1. the prerequisites mentioned in section 1 or the rules of procedure in accordance with section 2 are not fulfilled or
2. the papers are incomplete or
3. students already failed at the final attempt and the exam is prerequisite for the successful completion of the Master program Computational Logic.

(5) The Examination Committee decides on admission. Admission may be publicly announced. § 16 sec. 4 remains unaffected.

§ 5
Types of examination performances

(1) Assessments can be completed as
1. written exams (§ 6),
2. seminar papers (§ 7),
3. oral examinations (§ 8),
4. scientific talks (§ 9)
5. project work (§ 10) and/or
6. language exams (§ 10)

Written assessments of the multiple-choice type are not accepted.

(2) As a rule, academic qualifications and assessments shall be in English. Students are allowed to take oral exams in German.

(3) If a student can produce prima facie evidence that s/he is unable to either partly or entirely complete assessments in the defined manner because of a long-time or permanent physical defect or chronic illness, s/he is allowed to render the assessments within a longer period or to render equivalent assessments in a different form. The student may be asked to produce a medical certificate and, if there is reasonable doubt, evidence by a medical officer of health. Equivalent provisions apply to exam prerequisites.

(4) If a student can produce prima facie evidence that s/he is unable to complete assessments in the defined manner because s/he cares for own children, who are 14 years old or younger, or for close relatives, the chairperson of the Examination Committee will accept applications to complete assessments in an equivalent manner. Close relatives are children, parents, grandparents, spouses and domestic partners. The chairperson of the Examination Committee will decide on how the assessment shall be completed by appointment with the responsible examiner according to their reasonably exercised discretion. Suitable measures to eliminate disadvantages are, for instance, longer time frames and breaks, use of alternative media, alternative exam locations within the university or alternative exam dates. Equivalent provisions apply to exam prerequisites.

§ 6
Written exams

(1) Written exams are designed to show that students are able to solve tasks and work on topics on the basis of the necessary fundamental knowledge within a limited time frame and with the use of limited aids and making use of the common methods of the subject studied.

(2) Written exams, the passing of which is a prerequisite requirement for being allowed to continue studies, are – as a rule, however always in case of last attempts of a retake – assessed by two examiners. The grade is calculated from the average of the individual assessments pursuant to § 11 sec. 2. The duration of the evaluation procedure including the communication of the exam’s result should not exceed four weeks.

(3) The module descriptions define the duration of a written exam. The duration is 90 minutes minimum and 180 minutes maximum.
§ 7
Seminar papers

(1) Seminar papers are designed to demonstrate the student’s competence to work on specific tasks using the subject-related literature and other sources within a limited time frame. Furthermore, they serve to find out whether the student masters the basic techniques of scientific work.

(2) For seminar papers § 6 sec. 2 applies accordingly.

(3) The total of hours for seminar papers should not exceed 120 hours. The actual number of hours is defined in the module description.

§ 8
Oral assessments

(1) Oral examinations are designed to demonstrate that the student is able to discern interrelations within the field of knowledge examined and to link specific questions with these interrelations and to answer them. Furthermore, they serve to find out whether the student has acquired the fundamental knowledge in accordance with the progress of the studies.

(2) Oral assessments are, as a rule, conducted by at least two examiners as a so-called Kollegialprüfung or by one examiner who is accompanied by an expert associate examiner (§ 17) as individual examinations.

(3) Oral assessments may last from 15 to 60 minutes. The actual number of minutes is defined in the module descriptions.

(4) The substantial subjects and results of the oral assessments should be recorded in minutes. The student is informed about the result right after the oral assessment.

(5) Students, who wish to take the same assessment at a later time, shall be admitted to the exam as listeners provided the availability of a suitable room and except that the examinee objects. Listeners are not admitted to the internal examiner consultation and the announcement of the exam results.

§ 9
Scientific talks

(1) scientific talks are designed to demonstrate the student’s skill to work on specific tasks and to present them. The assigned tasks define the total of hours and the form of work-out to be requested.

(2) As a rule, scientific talks are assessed by the lecturer, who is responsible for the course in which the talks are assigned and presented. § 6 sec. 2 sentences 1 and 2 apply accordingly.
(3) § 8 section 4 applies accordingly.

§ 10
Project work and other assessments

(1) Project work will demonstrate the ability to develop, implement and present conceptions and solutions of problems. With this work the student shall show his/her competence to identify goals within the range of a larger problem and to develop conceptions and approaches towards a solution.

(2) For project work § 6 section 2 applies accordingly.

(3) The workload of projects is defined in the module descriptions and shall not exceed 480 hours.

(4) If the project work is the result of the collaborative effort of a team, the individual contributions of the team members must be clearly identifiable and they must fulfil the requirements of section 1.

(5) Students who participate in the language course offered in the module Presentation and Communication Skills have to prove elementary knowledge of German in an oral and/or written exam. Type and form of the exam will be communicated at the beginning of the course.

§ 11
Assessment of assessments, calculation and weighting of grades, announcement of examination results

(1) The assessment of the various constituents of an examination is done by the respective examiners. For this purpose the following grades shall be used:

1 = very good = an excellent performance;
2 = good = a performance that stands out considerably from the average requirements;
3 = average = a performance that meets average requirements;
4 = passed = a performance that still meets the requirements despite some inadequacies;
5 = failed = a performance that does not meet the requirements because of its grave inadequacies.

For a more detailed assessment, grades can be raised or lowered by 0.3 to obtain intermediate values; grades 0.7, 4.3, 4.7 and 5.3 cannot be given.

(2) The module grade is calculated from the average of the grades of the assessments of the module, to which a weighting factor may be applied if prescribed in the module description. Only the first decimal place is indicated; all other decimal places are truncated without rounding.
The grade of the module corresponds as follows to the calculated average:

- 1.5 and better = very good,
- between 1.6 bis einschließlich 2.5 = good,
- between 2.6 bis einschließlich 3.5 = average,
- between 3.6 bis einschließlich 4.0 = passed,
- 4.1 and worse = failed.

(3) An overall grade is calculated for the Master examination. The overall grade of the Master examination consists of the final grade given for the Master thesis, to which a weighting factor of 60 is applied, and the module grades that are weighted on the basis of the credits according to § 25 section 1. The final grade given for the Master thesis is a combination of the grade given for the Master thesis with a weighting factor of 3 and the grade given for the defense with a weighting factor of 1. For the calculation of the overall and final grades, sec. 2 sentences 2 and 3 shall apply mutatis mutandis.

(4) The overall grade of the Master examination is additionally shown as a relative grade on the basis of the ECTS grading scale.

(5) The students shall be informed about the details concerning the announcement of the examination results in the usual way of announcement.

§ 12

Non-appearance, withdrawals, cheating, breach of regulations

(1) An examination performance is assessed with grade “failed” (5.0) if the student fails to appear for a binding exam date or if s/he withdraws from a registered exam without good cause. The same applies when an examination performance is not completed within the defined period of time.

(2) The student has to announce and substantiate the good cause for the withdrawal or the non-appearance in writing and immediately to the Examination Office. In case of illness, the student may be asked to produce a medical certificate and, if there is reasonable doubt, evidence by a medical officer of health. As regards the adherence to deadlines for the first registration for exams, retake of exams, reasons for no-shows and non-adherence to time limits for working on exams, illness of the student is equivalent to illness of the child for whom the student has the sole parental responsibility most of the time. If the reason is accepted, a new exam date is set. In this case, if exam results are already available they will be counted towards the final result. The Examination Committee decides upon the acceptability of the withdrawal or the reason for no-show or non-adherence to time limits.

(3) If a student attempts to manipulate the result of the assessment by fraud or the use of non-admitted auxiliary means, the respective examination performance will be assessed as “failed” (5.0). Students, who obstruct the proper process of an exam, can be excluded from completing the examination performance by the examiner or the proctor; in this case, the examination performance is assessed as “failed” (5.0). In grave cases, the Examination Committee may exclude the student from further assessments.
(4) Sections 1 to 3 hold accordingly for examination prerequisites, the Master thesis and its defense.

§ 13
Passing and failing

(1) A module exam is passed if the module grade is “passed” (4.0) or better or if the ungraded module exam is assessed as “exam passed”. If the student passed the module exam, s/he earns the credit points that are associated with the module in the module description.

(2) The Master examination is passed after the module examinations, the Master thesis and the defense are all passed. Master thesis and defense are passed if they are assessed as “passed” (4.0) or better.

(3) A module exam is failed if the module grade is not at least “passed” (4.0) or better.

(4) A module exam is failed in the final attempt if the module grade is not at least “passed” (4.0) or better and it is no longer possible to retake the exam. The master thesis and defense are failed in the final attempt unless they were assessed with grade “passed” (4.0) at least and if a retake is no longer possible.

(5) A Master examination is not passed or failed in the final attempt if either a module exam, the Master thesis or the defense are not passed or failed in the final attempt, respectively. § 3 section 1 remains unaffected.

(6) If a student failed a module exam, or the Master thesis or the defense are assessed with a grade worse than “passed” (4.0), the student shall be informed about whether and to which extent and within which time limits s/he can retake the respective exam.

(7) If a student failed the Master examination, upon the production of the necessary proofs of academic achievements and the Certificate of Withdrawal from the Student Register, s/he can apply for a certificate which confirms the completion of parts of exams and – if applicable – the missing/failed parts of exams and which also states that the Master examination was not successfully passed.

§ 14
Retake of module examinations

(1) Failed module examinations can be retaken once within one year after completion of the first attempt. The deadline starts on the day students are notified of the first fail of the module exam. After the deadline has passed, the exams are considered as failed once again.

(2) An exam can be retaken for the second time only at the next possible exam date. Afterwards, the module exam is considered to be failed in the final attempt. Students are not granted to retake failed exams any longer.

(3) In case of a failed module exam, which consists of several assessments, only those assessments shall be retaken which are not assessed with grades “passed” (4.0) or better.
(4) A successfully passed module exam can be retaken in the case that is described in § 15 section 2 and the retake comprises all assessments.

(5) Unsuccessful attempts of the module exam of the same or other study programs will be taken over.

§ 15
Recognition of study periods, academic achievements and assessments and also qualifications obtained outside universities

(1) Study periods, academic achievements and assessments are recognized without being examined for equivalence provided they were completed in an equivalent study program at a university or an institution considered equivalent in the Federal Republic of Germany.

(2) Qualifications that were not obtained in studies, and study periods, academic achievements and assessments that are not defined in section 1, are recognized upon application provided they are equivalent. There is equivalence if contents, number of hours and requirements are in substantial accordance with parts of the master program *Computational Logic* at the Technische Universität Dresden. In this case no schematic comparison shall be made, but an overall analysis and an overall evaluation. For the recognition of study periods, academic achievements and assessments, which have been achieved outside the Federal Republic of Germany, account shall be taken of the Equivalency Agreements approved by the Lisbon Convention of April 11, 1997, the Standing Conference of the Ministers of Education and Cultural Affairs of the Länder in the Federal Republic of Germany (Kultusministerkonferenz) and the German Rectors’ Conference (Hochschulrektorenkonferenz) and of arrangements made within cooperation agreements on higher education. Qualifications obtained outside the university may compensate for not more than 50% of the studies.

(3) The recognition of academic achievements, assessments or qualifications obtained outside the university pursuant to section 2 is accompanied by the official recognition of respective study periods. Provided the grade systems are comparable, grades will be adopted and will enter the calculation of composite grades. In case the grade systems are not comparable, a note “exam passed” will be made and grades will not enter further grade calculations. The recognition may be indicated in the certificate.

(4) Recognition is made by the Examination Committee. It is necessary that the student produces the relevant documents required for the recognition. The recognition of study periods, academic achievements and assessments pursuant to section 1 is made ex officio.
§ 16
Examination committee

(1) For the master program Computational Logic an examination committee is formed the members of which will organize and conduct tasks that arise from the examination regulations. The examination committee consists of three university lecturers, a research fellow and a student. With the exception of the student, the members remain in office for three years. The student will remain in office for one year.

(2) The chairperson, his / her deputy and the other members and their deputies are appointed by the Faculty Council of the Faculty of Computer Science, the student member is suggested by the council of student representatives. Normally, the chairperson manages the affairs of the examination committee.

(3) The examination committee ensures that the provisions of the examination regulations are met. At regular intervals, the committee reports to the faculty about the development of examination and study periods including the actual times needed for completing the master thesis as well as about the distribution of the module and overall grades. The report shall be disclosed by the Technische Universität Dresden in a suitable manner. The examination committee makes suggestions as to reforms of the examination regulations, the study regulations, the module descriptions and the curriculum structure.

(4) Decisions to a student’s detriment shall be communicated in writing to student in question and shall be accompanied by justifications and by information on legal remedy. The examination committee in its capacity of examination authority decides on protests within reasonable delay and issues the determinations to protests.

(5) The members of the examination committee have the right to attend assessments and the defense.

(6) The members of the examination committee and their deputies are subject to professional discretion. Unless they are civil servants, the chairperson shall direct members to use professional discretion.

(7) The Examination Office organizes the examinations and keeps examination files on the basis of the decisions made by the examination committee.

§ 17
Examiners and co-examiners

(1) The examination committee appoints the examiners – these are university lecturers and persons who are eligible to hold examinations pursuant to German Länder law. These examiners shall be entitled to independent teaching in the subject area of the examination performance or the Master thesis and the defense unless cogent reasons exist to depart from this rule. Co-examiners can only be appointed if they have successfully passed a Master examination or a comparable exam in the relevant subject area.
(2) Students can suggest the supervisor for their Master thesis and the examiners for oral assessments and also for the defense. The proposal does not substantiate a claim.

(3) The names of examiners shall be announced to students in good time.

(4) For examiners and co-examiners § 16 sec. 6 applies accordingly.

§ 18
Purpose of the Master examination

Passing the master examination marks the completion of the program and the award of the job-qualifying degree. This serves to ascertain that students have achieved the learning outcomes specified in § 2 of the study regulations and that they are able to work independently on a task in the subject area Computational Logic using scientific methods and can reason about the results of their work.

§ 19
Purpose, issue, submission, assessment and re-submission of a Master thesis and its defense

(1) The purpose of the Master thesis is to demonstrate that the student is able to work independently within a specified period of time on complex tasks in the subject area using scientific methods.

(2) The advisor for the Master thesis can be a professor or another person that is entitled to hold examinations pursuant to the Sächsisches Hochschulfreiheitsgesetz provided this person works at the Faculty of Computer Science at the Technische Universität Dresden. If the student wishes that the advisor for the Master thesis is a person that is entitled to hold examinations but does not work in the university, approval by the chairperson of the examination committee is required.

(3) The examination committee hands out the topic of the Master thesis. The topic and the date of handing it out shall be placed on record. Students can express preferred topics. Upon application of the student, the examination committee arranges for the issue of the topic for the Master thesis in good time. The topic is issued at latest at the beginning of the semester that follows the completion of the last module exam.

(4) The topic can be returned only once and only within two months after it was issued. However, in case of a repeated Master thesis students are allowed to return the topic only unless they returned the topic in their first Master thesis attempt.

(5) The Master thesis can also be performed in a team as long as the individual part worked out by the student as his/her Master thesis can be clearly defined on the basis of paragraphs, page numbers or other objective criteria which allow an individual assessment and fulfil the requirements stated in section 1.

(6) Students shall hand in two typed and bound copies of their Master thesis and also a digital file of it written in English within the specified time limit at the Examination office; the hand-in
time shall be placed on record. In submitting, students declare in writing that the Master thesis – in case of group work the marked part of the work – is their own work and that they used only the indicated references and devices.

(7) Two examiners will decide independently on the grade for the Master thesis pursuant to § 11 section 1. One of the examiners shall be the supervisor of the Master thesis. The duration of the evaluation procedure should not be longer than two weeks.

(8) The grade of the Master thesis is the arithmetic average of the two individual grades given by the examiners. If the individual grades given by the examiners differ by more than two grades from each other, the average grade shall be given provided both examiners agree. If they do not agree, they examination committee appoints another examiner for a third grade. As a result, the grade of the Master thesis is the arithmetic average of the three individual grades. § 12 section 2 sentences 2 and 3 apply accordingly.

(9) If one examiner gave the student grade “passed” (4.0) or better for the Master thesis and the other examiner gave grade “failed” (5.0), the examination committee will appoint another examiner for a third grade. This third assessment decides whether the Master thesis is a pass or fail. If the Master thesis as a result of the third assessment is a pass, the average grade is calculated from the individual grades given by the ‘pass’ voters, otherwise it is calculated from the grades given by the ‘failed’ voters. § 12 section 2 sentences 2 and 3 apply accordingly.

(10) Students can repeat the Master thesis once within one year if the grade given for it is worse than “passed” (4.0).

(11) The student must defend the Master thesis in a public colloquium in which the supervisor of the thesis as the examiner and a co-examiner are present. Further examiners can be appointed. Section 10 as well as § 8 section 4 and § 11 section 1 sentences 1 till 3 apply accordingly.

§ 20
Master degree certificate and certificate of grades

(1) A certificate of the passed Master examination (certificate of grades) is issued immediately, if possible within four weeks, and handed over to the student. The certificate of the Master examination shall contain the module assessments pursuant to § 25 section 1, the topic of the Master thesis, the grade, the supervisor and also the final grade. Students may apply for the addition of extra information on the certificate, such as the assessment of additional modules and the duration of subject-specific studies by the time the Master examination is completed. The individual assessments and their assessments are listed on the Annex to the Certificate.

(2) Concurrently with the certificate of the Master examination students are handed over the Master degree certificate indicating the date the certificate is issued. This document is to certify that the student has obtained the Master degree. The Master degree certificate is signed by the rector and the chairperson of the examination committee and bears the round official stamp of the Technische Universität Dresden. Moreover, English translations of the Master degree certificate and the certificate of the Master examination are handed over to the students.
(3) The certificate bears the date when the student completed the last part of the examination pursuant to § 13 section 2. The certificate is signed by the chairperson of the examination committee and by the dean of the Faculty of Computer Science and bears the faculty’s round official stamp of the Technische Universität Dresden.

(4) The Technische Universität Dresden issues a Diploma Supplement (DS) following the “Diploma Supplement Model” of the European Union/Council of Europe/UNESCO. The text, which has been agreed upon by KMK and HRK, shall be used in its current version to describe the national education system (DS section 8).

§ 21
Invalid master examination

(1) If a student cheated during an examination performance and this becomes known only after s/he has been handed over the certificate, the assessment of the examination performance can be modified pursuant to § 12 section 3. If necessary, the examination committee can declare the module exam as a “failed” (5.0) and the Master examination as “failed”. The same applies accordingly to ungraded module examinations, the Master thesis and the defense.

(2) If the prerequisites for holding examination performance were not fulfilled and the student did not attempt to disguise this fact, and provided this fact becomes known only after the student has been handed over the certificate, this defect of title is cured by the passing of the examination performance. If the student wilfully and wrongfully brings about the holding of the examination performance, the examination committee can declare the examination performance with the module exam to be a “failed” (5.0) and the Master examination as “failed”. The same applies accordingly to ungraded module examinations, the Master thesis and the defense.

(3) The student must be given the opportunity to comment on the case before a decision is made.

(4) The chairperson of the examination committee will confiscate the false certificate and issue a new one if necessary. The Master degree certificate, the translations and the diploma supplement shall be confiscated together with the false certificate provided the Master examination has been declared to be a “failed” as the result of cheating. It is impossible to make a decision pursuant to section 1 and section 2 sentence 2 or 3 later than five years after the day the certificate was issued.

§ 22
Examination of exam records

The student has the right to file an application within one year after the examination procedure has been closed to be allowed to examine written examinations and assessments thereof and the exam records within adequate time.
§ 23
Duration and structure of studies, total of hours

(1) Pursuant to § 1 is 4 the standard period of study semesters.

(2) The course of studies has a modular structure and is completed with the Master thesis and its defense.

(3) By passing the Master examination the student earns a total of 120 credits in the modules, the Master thesis and its defense.

§ 24
Subject-related prerequisites for the Master examination and maximal possibilities of retake

Academic achievements can be exam prerequisites for assessments. Their number, type and organization shall be defined in the module descriptions, it is also possible to limit the number of possible retakes. Before hand-out of the topic of the master thesis 74 credits must have been gained. Before the defense the Master thesis must be assessed with grade “passed” (4.0) or better.

§ 25
Subject, kind and scope of the Master examination

(1) The Master examination comprises all module examinations in mandatory modules, the chosen elective modules and also the Master thesis and its defense.

(2) The mandatory modules are

1. Foundations
2. Logic and Constraint Programming
3. Advanced Logics
4. Integrated Logic Systems
5. Presentation and Communication Skills
6. Project

(3) The elective (advanced) modules are described in an appendix to the study regulations. Of the elective (advanced) modules the student has to select modules amounting allover to 32 credits.

(4) The module descriptions define the required assessments, which are classified with the modules, their type and organization. Unless specified otherwise in the module descriptions, skills to be acquired and content of the module are subject of the assessments.
(5) Students can take exams in further modules (additional modules) than those listed in section 1. The modules for these exams can be chosen freely from the overall module catalogue of the Technische Universität Dresden or a co-operating institution of higher education. They do neither enter the calculation of the student’s total of hours nor the calculation of the final grade, but may be included in the certificate on application.

§ 26
Time for working on the Master thesis and duration of the defense

(1) The time allowed for working on the Master thesis is 23 weeks; the student earns 29 credit points. It is the supervisor’s responsibility to limit the topic, the assigned task and the extent of the Master thesis such that students are able to keep the deadline for completing the Master thesis. In exceptional cases, the examination committee can extend the time for working on the thesis for at most further 13 weeks, the number of credit points remains unaffected.

(2) The defense lasts 60 minutes. The student earns 1 credit point.

§ 27
Master degree

After the student has passed the Master examination, s/he is awarded the degree "Master of Science" (in short: M.Sc.) .

§ 28
Coming into force and public notice

These examination regulations become effective on October 1, 2013, and are publicly announced in the Official Notices of Technische Universität Dresden.

Issued on the basis of the decision of the Faculty Council of the Faculty of Computer Science made on July 17, 2013, and the approval of the rectorial board of #date#.

Dresden, #date of issue#

The rector
of the Technische Universität Dresden

Prof. Dr.-Ing. habil. DEng/Auckland Hans Müller-Steinhagen
Translations of German concepts used in the original document.

<table>
<thead>
<tr>
<th>German Term</th>
<th>English Translation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Absatz</td>
<td>section</td>
</tr>
<tr>
<td>Antrag</td>
<td>application</td>
</tr>
<tr>
<td>Eignungsfeststellungsordnung</td>
<td>admission regulations</td>
</tr>
<tr>
<td>Fakultaetsrat</td>
<td>faculty council</td>
</tr>
<tr>
<td>Leistungsnachweis</td>
<td>proof of performance</td>
</tr>
<tr>
<td>Leistungspunkt</td>
<td>credit</td>
</tr>
<tr>
<td>Master-Studiengang</td>
<td>master program</td>
</tr>
<tr>
<td>Modulprufung</td>
<td>module examination</td>
</tr>
<tr>
<td>Pflichtmodul</td>
<td>mandatory (basic) module</td>
</tr>
<tr>
<td>Pruefungsausschuss</td>
<td>examination board</td>
</tr>
<tr>
<td>Pruefungsordnung</td>
<td>examination regulations</td>
</tr>
<tr>
<td>Regelstudienzeit</td>
<td>standard period of study</td>
</tr>
<tr>
<td>Selbststudium</td>
<td>private study</td>
</tr>
<tr>
<td>Studienablaufplan</td>
<td>curriculum structure</td>
</tr>
<tr>
<td>Studienberatung</td>
<td>course guidance service</td>
</tr>
<tr>
<td>Studienkommission</td>
<td>academic committee</td>
</tr>
<tr>
<td>Studienordnung</td>
<td>study regulations</td>
</tr>
<tr>
<td>Wahlpflichtmodul</td>
<td>elective (advanced) module</td>
</tr>
<tr>
<td>Zentrale Studienberatung</td>
<td>central student information and counseling service</td>
</tr>
<tr>
<td>Zugangsvoraussetzung</td>
<td>admission requirement</td>
</tr>
<tr>
<td>Zulassungsausschuss</td>
<td>admission committee</td>
</tr>
</tbody>
</table>