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The Faculty Council of the Faculty of Electrical Engineering and Computer Science of Gottfried Wilhelm Leibniz Universität Hannover resolved the following revised examination regulations (issued 17.09.2020) on 12.07.2021 for the master's degree programme Power Engineering. The revision was approved by the Presidential Board in accordance with section 37 paragraph 1 subparagraph 5 b) of the Lower Saxony Higher Education Act (NHG). These regulations shall take effect following publication in the official bulletin of Gottfried Wilhelm Leibniz Universität Hannover on 01.10.2021.

Revised Examination Regulations of Gottfried Wilhelm Leibniz Universität Hannover for the Master's Degree Programme Power Engineering (issued 17.09.2020)

The Faculty of Electrical Engineering and Computer Science of Gottfried Wilhelm Leibniz Universität Hannover has issued the following examination regulations as per section 7 paragraph 3 and section 44 paragraph 1 of the Lower Saxony Higher Education Act (NHG):

Overview

Part One: General

Section 1	Examination Purpose and Academic Degree
Section 2	Duration and Structure of the Degree Programme
Section 3	Responsibility (Dean of Studies, Examination Board)

Part Two: Master's Examination

Section 4	Structure and Content of the Examination
Section 5	Examiners
Section 6	Coursework and Assessments
Section 7	Master's Thesis
Section 8	Passing and Failing the Master's Examination
Section 9	Additional Modules and Examinations
Section 10	Recognition of Previous Coursework and Assessments
Section 10a	Placement Examinations for Refugees
Section 11	Distance Learning

Part Three: Examination Procedure

Section 12	Admission to Examinations
Section 13	Registration
Section 14	Failure and Repetition
Section 15	Late Submission, Withdrawal, Deadline Extension
Section 16	Examination Procedure in Cases of Hardship
Section 17	Evaluation of Assessments
Section 18	Deception, Breach of Regulations
Section 19	Credit Points for Modules
Section 20	Calculation of Overall Mark
Section 21	Certificates and Confirmations
Section 22	Access to Examination Records
Section 23	Procedural Provisions

Part Four: Final Provisions

Section 24	Entry into Force and Interim Provisions
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Part One: General

Section 1 – Examination Purpose and Academic Degree

- (1) ¹The master's degree constitutes further academic qualification in a professional field. ²The master's examination aims to establish whether the examinee is capable of working independently at an advanced level according to scientific or scientific-artistic principles and is capable of applying academic knowledge. Furthermore, it serves to determine whether the examinee has gained an overview of the professional contexts of the academic field and has acquired the specialist knowledge and competence necessary for the transition to professional practice.
- (2) Upon successful completion of the master's examination, Gottfried Wilhelm Leibniz Universität Hannover will confer the academic degree "Master of Science (M.Sc.)".
- (3) ¹The master's degree programme Power Engineering must be studied with a focus on either Power Plant Technology, Energy Consumption or Wind Energy. ²Further details are provided in appendix 1.

Section 2 – Duration and Structure of the Degree Programme

¹The standard period of study is two years. ²The time required for class attendance and independent study is 120 ECTS credits (credit points) at 30 hours respectively. ³The degree programme is organised into four semesters.

Section 3 – Responsibility (Dean of Studies, Examination Board)

- (1) ¹The dean of studies is responsible for implementation of the obligations set out in these examination regulations. ²In agreement with the dean of studies, the faculty council can assign an examination board to perform such duties.
- (2) ¹The examination board comprises five members, three of which are members of lecturing staff, one is a member of teaching staff and one is a student. ²The members of the examination board and their deputies are appointed by the respective group representatives. ³The chairperson and deputy chairperson are appointed by the examination board and must be members of lecturing staff or members that have completed habilitation. ⁴The student member may only adopt an advisory role with regard to assessment matters or decisions concerning recognition of assessment credits. ⁵If not appointed as a member of the examination board, the dean of studies may participate in meetings of the examination board in an advisory role.
- (3) ¹The members of the examination board and their deputies are subject to official secrecy. ²Unless they are employed in public service, they must be sworn to secrecy by the chairperson.
- (4) ¹The examination board may pass a resolution provided that the majority of the members eligible to vote are present. ²Resolutions shall be passed by a majority of the valid votes submitted; abstention from voting does not count as a submitted vote.
- (5) ¹The meetings of the examination board are not open to the public. ²Minutes will be taken of the meetings of the examination board. ³The minutes will document the significant matters discussed and the decisions made.
- (6) Members of the examination board are entitled to observe examinations.
- (7) ¹The examination board may delegate authority to the chairperson and deputy chairperson (subject to revocation). ²The examination board may appoint a body to perform its duties. ³The chairperson will prepare and implement the resolutions of the examination board and report to the examination board on a regular basis regarding these activities. ⁴Delegation of authority to the chairperson or deputy chairperson is excluded for the cases specified in section 18 paragraph 1.
- (8) The examination board may establish its own procedural rules.

Part Two: Master's Examination

Section 4 – Structure and Content of the Examination

- (1) ¹The master's examination is conducted during the course of study. ²It comprises assessments and, where applicable, coursework as part of compulsory modules as set out in appendix 1.1, the compulsory module "Master's thesis" as set out in appendix 1.4, required elective modules (if applicable) as set out in appendix 1.2 and elective modules as set out in appendix 1.3. ³The modules specified in sentence 2 may also be presented according to areas of specialisation.
- (2) The corresponding lectures can be found in the module handbook or in the course catalogue.
- (3) ¹A placement of at least 16 weeks must be completed as part of the master's degree and may be completed abroad. ²Further information can be found in the regulations governing placements. ³This does not apply for students of the international specialisation "Energy Technology".
- (4) ¹In general, lectures and examinations are conducted in German. The Energy Technology is conducted in English. ²Examinations may be conducted in English or German if agreed with or determined by the examiner.
- (5) ¹The degree programme can also be studied in the form of the international specialisation "Energy Technology". ²For this there are two models:
 - a) ¹Students of Leibniz University Hannover complete the first two semesters at either Peter the Great St. Petersburg Polytechnic University or Lappeenranta-Lahti University of Technology (LUT). ²Students shall be credited 60 ECTS for module examinations completed at Peter the Great St. Petersburg Polytechnic University or Lappeenranta-Lahti University of Technology and shall be guaranteed admission to the module "Energy Technology" (as per appendix 1). ³The third and fourth semester are completed at Leibniz University Hannover. ⁴30 credit points must be completed in the module "Energy Technology"; the master's thesis is completed in the fourth semester.
 - b) Students of Peter the Great St. Petersburg Polytechnic University or Lappeenranta-Lahti University of Technology complete only the third semester at Leibniz University Hannover and must complete 30 credit points in the compulsory modules.

Section 5 – Examiners and Observers

¹The responsible body, as specified in section 3, will appoint members of the lecturing staff at Leibniz University Hannover as authorised examiners and observers for the modules of the degree programme Power Engineering. ²The responsible body, as specified in section 3, may appoint further examiners, provided they hold at least the qualification that will be ascertained through the said examination or an equivalent qualification. ³Provided that they meet the requirements set out in sentence 2, examiners may also be appointed who are not members or affiliates of Gottfried Wilhelm Leibniz Universität Hannover. ⁴Observers must hold at least the qualification that will be ascertained through the said examination or an equivalent qualification in order to be appointed. The responsible body, as specified in section 3, may also delegate the appointment of observers to the examiners.

Section 6 – Coursework and Assessments

- (1) ¹Coursework particularly includes ungraded independent assignments, laboratory exercises, in-class assignments, placement reports, written examinations, presentations and term papers. ²The required coursework is explained in more detail in the respective module description and is determined by the teaching staff by the beginning of the course at the latest. ³As a rule, coursework must be completed within one year from the end of the respective course.
- (2) ¹Assessments include the master's thesis, written examinations, oral examinations, term papers and seminar papers. ²Further details on assessment types are specified in appendix 2.1.
- (3) ¹If alternative assessment types are specified for a module in appendices 1.1, 1.2 or 1.3 or if one assessment type can be replaced by another, notification of the assessment type must be given at the beginning of the semester at the latest. ²The same applies for the weighting of individual components, if combined assessments are specified in appendices 1.1, 1.2 or 1.3
- (4) Coursework and assessments may be conducted as group work, provided that individual contributions can be clearly defined and evaluated separately according to objective criteria.
- (5) When submitting written term papers (coursework and assessments), it must be declared in writing that
 - a) the work was completed independently,

- b) no sources or means other than those indicated were used,
 - c) all passages of the work that make reference to other sources, whether through direct quotation or paraphrasing, have been indicated accordingly, and
 - d) the paper has not previously been submitted to an examining authority in the same or a similar form.
- (6) ¹During the semester, in addition to the respective compulsory assessments, up to five minor assessments may be offered in the form of presentations or short written examinations. ²Student participation is voluntary. ³If a student has successfully completed one or more minor assessments during the semester, the achieved result shall be taken into account as a bonus when evaluating the compulsory assessment. ⁴Minor assessments may not account for more than 20 per cent of the exam mark. ⁵The number and evaluation of minor assessments must be indicated by the examiner at the beginning of the semester. ⁶The best mark for a compulsory assessment may likewise be achieved without participating in minor assessments. ⁷If a student does not participate in individual minor assessments or does not pass, this shall not result in poorer overall evaluation of a compulsory assessment. ⁸The additional assessments shall be organised to ensure that the time allocated for class attendance and independent study (credit points) within the respective modules specified in the appendices are observed.
- (7) ¹Practical evaluations (“Testate”) may count additionally towards an assessment. ²They monitor learning progress and are only assigned to one individual assessment. ³Individual criteria such as independent assignments or short assessments (oral or written) may count towards them. ⁴Practical evaluations will not be explicitly indicated in the final degree documentation; subject to the examiner’s stipulations, they will count towards the assessment with a maximum weighting of 25 per cent. ⁵It must also be possible to pass the assessment without a practical evaluation. ⁶Subject to the examiner’s stipulations, the result of a practical evaluation may remain unaffected regardless of whether the assessment is passed. ⁷The examiner must announce (via notice board) the conditions under which practical evaluations will be conducted and to what extent they count towards assessment marks by the start of the course at the latest.

Section 7 – Master’s Thesis

- (1) ¹The master’s thesis module comprises the master’s thesis and, if applicable, an oral examination and/or coursework as defined in appendix 1.4. ²The master’s thesis aims to illustrate that the examinee is able to apply academic methods to independently address an issue in the field within a specified deadline. ³30 credit points will be awarded for the successfully completed Master’s Thesis module.
- (2) ¹The subject of the master’s thesis must be proportionate to the examination purpose (section 1 paragraph 1) and the period of time provided for its completion according to paragraph 4. ²The thesis topic may not be assigned until successful admission to the Master’s Thesis module as per section 12 paragraph 3.
- (3) ¹The topic may be returned once within the first third of the completion period. ²Renewed registration for the Master’s Thesis module must occur within six months of returning the topic. ³If registration does not occur within this period, a topic will be determined by the first examiner with a deadline specified according to paragraph 4 sentence 1. ⁴Section 15 paragraph 2 sentences 1 to 4 shall apply accordingly.
- (4) ¹The master’s thesis must be submitted both in printed and electronic form within six months from the date of assignment. ²The master’s thesis should be marked by both examiners within six weeks - within ten weeks at the latest.
- (5) When submitting the master’s thesis, it must be declared in writing that
- a) the work was completed independently,
 - b) no sources or means other than those indicated were used,
 - c) all passages of the work that make reference to other sources, whether through direct quotation or paraphrasing, have been indicated accordingly, and
 - d) the paper has not previously been submitted to an examining authority in the same or a similar form.
- (6) ¹The assessment process for the Master’s Thesis module can be found in the module description in the module handbook. ²If the Master’s Thesis module comprises more than one assessment, the mark shall be composed according to appendix 1.4.

- (7) ¹The master's thesis must be written in German; in agreement with the examiners it may be written in English. ²In addition, in justified individual cases it may be permitted to write the thesis in a different language. ³The responsible body, as specified in section 3, shall decide upon applications specified in sentence 2, at the latest when deciding on admission (section 12).
- (8) ¹The first examiner of the master's thesis must be a member of the Faculty of Electrical Engineering and Computer Science – in the Electrical Engineering or Information Technology departments – or a member of the Faculty of Mechanical Engineering.
- (9) ¹Students of the international specialisation “Energy Technology” should complete the master's thesis at their home institution. ²The examination regulations of the respective university shall apply.

Section 8 – Passing and Failing the Master's Examination

- (1) The master's examination has been passed if the modules specified in section 4 in conjunction with appendices 1.1, 1.2, 1.3 and 1.4 have been passed and a minimum of 120 ECTS credit points have been attained.
- (2) Failure of the master's examination is considered final, if the conditions in Section 14 paragraph 4 apply and a request has been denied or is no longer possible (section 14 paragraph 5 or 6).

Section 9 – Additional Modules and Examinations

- (1) ¹Students may take further examinations in addition to those specified in appendices 1.2 and 1.3 as necessary for attaining the minimum required credit points for the degree programme (additional examinations). ²The same applies for completion of additional modules for the degree programme (additional modules). ³Upon application to the responsible body specified in section 3, examinations and modules outside of the degree programme may also be taken.
- (2) Upon application to the responsible body specified in section 3, results from additional examinations and modules that are passed in accordance with section 19 paragraph 2 sentence 1 will be recorded in the final degree documentation and further documents as set out in section 21; however, results from additional examinations and modules will not contribute to the overall mark.

Section 10 – Recognition of Previous Coursework and Assessments

- (1) ¹Previous coursework and assessments can be recognised under the conditions below. ²Applications for recognition should be submitted at the beginning of the course. ³Once the examination process has begun, recognition of an assessment or coursework is no longer possible. ⁴Applications should be submitted to the responsible body specified in section 3. ⁵As a rule, the outcome of the application should be decided within six weeks. ⁶The deadline period shall begin once all required documents for the decision have been received. Coursework and assessments completed whilst studying at Gottfried Wilhelm Leibniz Universität Hannover shall be officially recognised ex officio.
- (2) ¹Coursework and assessments that were completed at a university in Germany or abroad shall be recognised in accordance with the Convention on the Recognition of Qualifications concerning Higher Education in the European Region dated 11 April 1997 (Lisbon Recognition Convention), provided that there are no substantial differences to the coursework and assessments required under these examination regulations. ²In case of doubt, statements must be obtained from the examiner, from a member of Gottfried Wilhelm Leibniz Universität Hannover authorised according to section 5 to examine the module, for which recognition has been applied for, or from the Central Office for Foreign Education (ZAB). ³In the case of lack of equivalence or substantial differences, the burden of proof lies with Gottfried Wilhelm Leibniz Universität Hannover. ⁴The process shall be governed by the orientation framework of Gottfried Wilhelm Leibniz Universität Hannover for the recognition of coursework and assessments.
- (3) ¹Professional competence acquired outside of the degree will be recognised to an extent of up to 50 per cent of the required credit points as per section 2, provided that they are equivalent. ²In the case of lack of equivalence or substantial differences, the burden of proof lies with Gottfried Wilhelm Leibniz Universität Hannover. ³The process shall be governed by the orientation framework of Gottfried Wilhelm Leibniz Universität Hannover for the recognition of acquired professional competence. ⁴The guidelines of the Faculty of Electrical Engineering and Computer Science and the Faculty of Mechanical Engineering for recognition of credits shall apply for general recognition.

- (4)¹In the case of recognition of completed assessments, the marks will be adopted, or converted if the marking scale differs; the allocated period of study will be recognised and credit points will be awarded as per appendices 1.1, 1.2 or 1.3 ²Assessments completed abroad shall remain ungraded upon request; in particular this shall apply to the case specified in paragraph 3 sentence 1. ³Recognised performance will be indicated in the certificate of official results (“Zeugnis”).
- (5)¹The applicant shall be informed in writing regarding the decision whether recognition is granted or not; section 23 paragraph 1 must be observed.

Section 10a – Placement Examinations for Refugees

Persons, who have demonstrated that they cannot provide evidence of previously completed academic study and examinations due to fleeing, may take a special placement examination to prove that they have the knowledge and skills required by the examination regulations to complete a degree course, credits for which will be allocated to the respective modules.

Section 11 – Distance Learning

Selected modules may also be offered as distance learning modules by resolution of the responsible body specified in section 3.

Part Three: Examination Procedure

Section 12 – Admission to Examinations

- (1)¹Those enrolled in a master's degree programme at Gottfried Wilhelm Leibniz Universität Hannover are eligible to take examinations in the relevant degree programme - taking into account paragraph 2. ²Further requirements for individual assessments can be found in appendices 1.1, 1.2, 1.3 or 1.4
- (2) Admission to examinations in master's degree programmes will be denied if the student is no longer entitled to take an examination in a comparable degree programme or in the degree programme Power Engineering.
- (3)¹An application must be submitted in order to commence writing the master's thesis. ²As a prerequisite to commence the master's thesis, at least 80 credit points must have been acquired within the scope of the master's degree and (if applicable) further requirements specified in appendix 1.4 must have been fulfilled. ³If valid reason is given, exceptions shall be decided by the responsible body specified in section 3. ⁴The examination regulations of the respective university shall apply for admission to the master's thesis completed within the scope of the international specialisation “Energy Technology”.
- (4)¹Admission will be denied as defined in paragraph 3 if admission requirements have not been fulfilled. ²The examinee shall be notified if admission is denied.

Section 13 – Registration

¹Registration is necessary for each individual examination and resit, within the deadline set by the responsible body specified in section 3. ²The responsible body, as specified in section 3, may require that registration is also necessary to complete individual academic components. ³The regulations issued at the time of introduction of the integrated campus management system shall apply, as set out in appendix 3.1

Section 14 – Failure and Repetition

- (1)¹Subject to course availability, failed assessments in compulsory modules must be repeated. ²Failed assessments in required elective modules do not have to be repeated; they can be substituted by other assessments in the same required elective module. The student is simply required to attain credit points in the commenced module that will contribute to the master's examination. ³Repetition of failed assessments for elective modules is not required, they may be substituted by other assessments or other elective modules. ⁴The responsible body, as specified in section 3, shall decide upon the exceptions. ⁵In the case of failed combined assessments, all assessment components must be repeated.
- (2) A failed academic research paper/project or master's thesis can be repeated once.
- (3)¹Taking into account section 4, 15 credit points must be attained in each semester in which a student is enrolled and has not taken leave of absence (counted semester).

²Furthermore, after completing each counted semester, the total sum of acquired credit points must exceed or be equal to the number of counted semesters multiplied by 15.

- (4) Failure to satisfy conditions shall apply if one of the conditions in paragraph 3 has not been fulfilled or in the case of final failure of the academic research paper/project or master's thesis.
- (5) ¹If valid reason applies for failure to satisfy conditions, the student may submit an application to the responsible body specified in section 3, requesting suspension of conditions. ²The application in sentence 1 must be submitted within one month of notification of failure to satisfy conditions. ³The application must state and substantiate valid reason. ⁴At the request of the responsible body specified in section 3, a hearing will be held by the body itself or by a representative of the faculty. ⁵At the hearing, the reasons for failure to satisfy the conditions stated in paragraph 3 should be discussed and the student should be advised concerning subsequent course of studies. ⁶The responsible body specified in section 3 can reduce the number of counted semester (paragraph 3) to the prior state.
- (6) ¹In the case of failure to submit an application due to lack of valid reason (paragraph 5), or if an application for suspension of conditions is rejected (paragraph 5), a hearing shall be held by a representative determined by the responsible body specified in section 3 upon written request of the student. ²An application that is rejected (paragraph 5) shall be considered submitted within the deadline (sentence 1); otherwise, applications must be made within one month of notification of failure to satisfy conditions. ³If it is the final hearing (no subsequent hearing can be requested), it shall be held by the responsible body specified in section 3. ⁴Paragraph 5 sentences 5 to 6 shall apply accordingly. ⁵Prior to final failure of the master's examination, the student must have had the opportunity to resit all failed assessments once.
- (7) ¹A maximum of two applications (paragraph 6) is permitted throughout the course of the master's degree programme. ²In the case of failure to fulfil only one of the two conditions set out in paragraph 3 or failure to fulfil the conditions in the first semester, an application as specified in sentence 1 shall not be counted.
- (8) If an application (paragraph 5) is approved by the responsible body specified in section 3, or if the hearing is held as per paragraph 6, the notification of failure to satisfy conditions shall be deemed void.
- (9) ¹The hearing procedure does not apply to students of the international specialisation "Energy Technology". ²Paragraphs 10 to 12 shall apply for students of the international specialisation "Energy Technology".
- (10) ¹Passed examinations cannot be repeated. ²A failed examination may be repeated twice. ³The master's thesis as well as projects and academic research papers may however only be repeated once. ⁴Paragraph 1 sentences 1 and 2 apply with regard to repetition of examinations in compulsory modules and required elective modules. Initial participation in an assessment or assignment of the topic shall be deemed as commencement of the assessment. ⁵Repetition of failed assessments for elective modules is not required; they may be substituted by other elective modules. ⁶In the case of failed combined assessments, all assessment components must be repeated. ⁷Initial participation in an assessment or assignment of the topic shall be deemed as commencement of the assessment.
- (11) ¹Repetition of assessments may, at the option of the examiner, be taken as a different assessment type as specified in section 6 paragraph 2. ²The assessment type must be announced by the start of the registration period (section 13 sentence 1).
- (12) ¹In the final repetition of an assessment, the mark "insufficient" ("nicht ausreichend") for a completed written examination, or "failed" ("nicht bestanden") in the case of ungraded examinations, may only be awarded after a supplementary assessment. ²As a rule, the supplementary assessment, which must be based on the content of the previous written examination, shall be conducted within six weeks after results have been announced. ³If the supplementary assessment is conducted as an oral examination, an observer must be present at the examination in addition to the examiner. ⁴As a rule, an oral supplementary assessment should not exceed a maximum duration of 20 minutes. ⁵With the exception of written examinations, the supplementary assessment may be taken as another assessment type, as specified in section 6 paragraph 2. ⁶If the supplementary assessment is passed, only the mark "sufficient" ("ausreichend"; 4.0) may be awarded or "passed" ("bestanden") in the case of ungraded assessments. ⁷A supplementary assessment shall be excluded if section 18 has been applied with regard to evaluation of the written assessment. ⁸Once results for the final resit have been announced, students must be invited by the Examination Office at least three weeks in advance to take the supplementary assessment. ⁹Section 15 paragraph 2 shall apply accordingly.

Section 15 – Late Submission, Withdrawal, Deadline Extension

- (1) ¹Withdrawal of registration for an examination or resit is permitted until commencement of the examination. ²Non-attendance of an examination will be deemed as withdrawal. ³For assessments with a submission deadline, assignment of the topic shall be determined as commencement of the assessment. ⁴For combined assessments, starting the first assessment component shall be deemed as commencement, as defined in section 14 paragraph 1 sentence 5. ⁵Should the student withdraw from the first assessment component of a combined assessment, this shall apply for the overall examination. ⁶Withdrawal as per sentence 1 is permitted without given reason.
- (2) ¹If a student fails to observe the fixed submission deadline or withdraws from an examination after it has commenced, the assessment will be evaluated as "failed" ("nicht bestanden"). ²However, if valid reason for late submission or withdrawal is promptly provided and substantiated in writing, the assessment shall be deemed as not taken. ³In the event of illness, a doctor's certificate must be provided; at the request of the responsible body specified in section 3, a medical certificate issued by a medical specialist or medical officer must be provided. ⁴The decision regarding recognition of valid reason shall be made by the responsible body specified in section 3. ⁵In the cases specified in sentence 2, the responsible body specified in section 3 may extend the completion period by a maximum of a third of the original completion period. ⁶A further extension is only permitted in justified individual cases.

Section 16 – Examination Procedure in Cases of Hardship

¹The responsible body, as specified in section 3, shall enable students, who have suffered serious long-term impairment, to take examinations in an equivalent alternative form on other dates or within other deadlines. Proof must be provided in the form of a certificate issued by a medical specialist or medical officer. ²Other substantiated important reasons - in particular, maternity rights and parental leave - shall be dealt with accordingly.

Section 17 – Evaluation of Assessments

- (1) ¹Assessments are normally evaluated by the examiners within one month. ²Assessments are usually graded. ³Coursework and ungraded assessments are evaluated as "passed" ("bestanden") or "failed" ("nicht bestanden"). ⁴The regulations issued at the time of introduction of the integrated campus management system shall apply as set out in appendix 3.2. ⁵The following classifications should be used for evaluation of assessments:
1.0; 1.3 = "very good" ("sehr gut") = a particularly outstanding performance,
1.7; 2.0; 2.3 = "good" ("gut") = a performance well above average,
2.7; 3.0; 3.3 = "satisfactory" ("befriedigend") = an average performance in every respect,
3.7; 4.0 = "sufficient" ("ausreichend") = fulfils the basic requirements despite shortcomings,
5.0 = "insufficient" ("nicht ausreichend") = does not fulfil the basic requirements due to shortcomings.
⁶An assessment evaluated as "insufficient" ("nicht ausreichend") has been failed.
- (2) ¹If an assessment is evaluated by two examiners, it is only deemed as passed if both examiners evaluate it as "passed" ("bestanden"), "sufficient" ("ausreichend") or better. ²In this case, the mark is calculated from the average of the individual marks determined by the examiners. ³Section 20 paragraph 3 sentence 4 shall apply accordingly.
- (3) ¹For combined assessments as per section 6 paragraph 3 sentence 2, the individual assessment components shall be evaluated according to the classifications set out in section 17 paragraph 1. ²Using the weighting specified for the individual marks, the overall mark of a combined assessment shall be calculated as set out in section 20 paragraph 3 sentences 1, 2 and 4. ³A combined assessment is deemed passed if the overall grade is 4.0 or better. ⁴It is irrelevant whether individual assessment components have been failed.
- (4) ¹An examination conducted in choice format (e.g. single choice or multiple choice) is deemed passed if the exam candidate has attained at least 50 per cent of the maximum points available (absolute pass mark). ²In cases however, where the average of all examinations is worse than the absolute pass mark minus 18 per cent, the resulting value shall thus be deemed the relative pass mark. ³The difference between the relative and absolute pass mark shall be calculated for each examinee to determine the individual examination results. ⁴In the case of repeated assessments, the average performance of the examinees from the first possible examination date shall apply.
- (5) ¹If the examinee has achieved the minimum points required for passing an examination conducted in choice format as specified in paragraph 4, the following marks shall be awarded

- 1.0 = “very good” (“sehr gut”), if at least 95 per cent,
- 1.3 = “very good” (“sehr gut”), if at least 90 per cent,
- 1.7 = “good” (“gut”), if at least 85 per cent,
- 2.0 = “good” (“gut”), if at least 80 per cent,
- 2.3 = “good” (“gut”), if at least 75 per cent,
- 2.7 = “satisfactory” (“befriedigend”), if at least 70 per cent,
- 3.0 = “satisfactory” (“befriedigend”), if at least 65 per cent,
- 3.3 = “satisfactory” (“befriedigend”), if at least 60 per cent,
- 3.7 = “sufficient” (“ausreichend”), if at least 55 per cent, and
- 4.0 = “sufficient” (“ausreichend”), if the minimum

available points have been attained. ²Should the examinee fail to achieve the minimum points required for passing, the examination shall be deemed “failed” (“nicht bestanden”).

Section 18 – Deception, Breach of Regulations

- (1) ¹Attempts to influence the outcome of an assessment or coursework through deception shall result in evaluation of the concerned assessment as “failed” (“nicht bestanden”). ²Carrying unauthorised means after commencing an examination shall always be considered a deception attempt. ³Unauthorised means also include electronic communication devices. ⁴In particularly serious cases – especially repeated breach of regulations as per sentence 2 or plagiarism – the responsible body, as specified in section 3, may exclude the examinee from completing further assessments or coursework, or deem final failure of the entire course. ⁵Sentence 4 shall also apply for breach of regulations in other degree programmes at Gottfried Wilhelm Leibniz Universität Hannover.
- (2) ¹Examinees, who breach regulations may be excluded from continuing the examination concerned; in this case, the examination concerned shall be evaluated as “failed” (“nicht bestanden”). ²Section 14 shall remain unaffected, except in the cases specified in section 18 paragraph 1 sentence 4.

Section 19 – Credit Points for Modules

- (1) ¹The credit points listed in appendices 1.1, 1.2, 1.3 or 1.4 are awarded for a module when the respective coursework has been completed and the required examinations have been passed or evaluated as “sufficient” (“ausreichend”) or better. ²For modules assessed in the form of an examination covering multiple modules (module group) as per appendices 1.1, 1.2 or 1.3, credit points are not awarded until the examination covering multiple modules has been passed.
- (2) ¹A module has been passed once all of the credit points stipulated in appendices 1.1, 1.2, 1.3 or 1.4 have been acquired. ²The mark from a passed module or module group examination shall form the mark for the module or module group as specified in section 20 paragraph 3. ³A module group is considered passed when all examinations relating to the module and the examination covering multiple modules have been passed.
- (3) ¹In areas other than the compulsory modules specified in appendix 1.1, more modules can be selected and completed than is necessary to achieve the required credit points. ²Calculation of the overall mark is regulated by section 20 paragraphs 1 to 3. ³If the credit points required for the module have been attained and the prescribed number of required elective modules or elective modules have been passed, the examination process for the remaining required elective modules or elective modules that were started but not yet passed may be discontinued upon request.
- (4) ¹An area of expertise is considered passed when all required modules specified in appendices 1.1, 1.2 or 1.3 have been passed. ²The overall mark of the area of expertise shall be formed by the individual marks from all of the modules assigned to it as defined in section 20 paragraph 3.

Section 20 – Calculation of Overall Mark

- (1) ¹To calculate the overall mark as set out in paragraph 3, the best marks from passed compulsory modules, required elective modules and elective modules will be used, unless otherwise requested by the student. ²The remaining passed required elective modules and elective modules shall be treated as additional examinations as defined in section 9.
- (2) ¹To calculate the overall mark as per paragraph 3, only the marks from modules required to achieve the credit points specified in section 4 may be taken into account. ²If selection of the final module results in slightly exceeding the points required to achieve the credit points specified in section 4, the modules will be taken into account to calculate the overall mark as per paragraph 3.

- (3) ¹The overall mark for the master's examination is the arithmetic mean of the marks of all graded modules according to section 17 paragraphs 1 and 2. ²Unless particular weightings are specified in appendices 1.1, 1.2, 1.3 or 1.4 the credit points listed there shall be used for weighting. ³The overall mark
- for an average of up to 1.5: "very good" ("sehr gut"),
 - for an average of more than 1.5 up to 2.5: "good" ("gut"),
 - for an average of more than 2.5 up to 3.5: "satisfactory" ("befriedigend"),
 - for an average of more than 3.5 up to 4.0: "sufficient" ("ausreichend"),
 - for an average of more than 4.0: "failed" ("nicht bestanden").
- ⁴To form the overall mark as per sentence 3, only the first decimal place will be taken into account; all further decimal places will be omitted without rounding up or down.
- (4) If the overall mark is 1.3 or better, the classification "with distinction" will be awarded and indicated on the degree documents as per section 21.
- (5) ¹Unless otherwise regulated in appendices 1.1 – 1.4, the module mark is the arithmetic mean of all graded assessments assigned to the module. ²The particular weightings or partial credit points specified in the appendices shall be used for weighting. ³If no particular weighting is specified for modules with multiple graded assessments or if credit points are not allocated proportionately to assessments, the assessments shall hold equal weighting to form the module mark. ⁴In accordance with paragraph 3 sentence 4, only the first decimal place will be taken into account to form the module mark. All further decimal places will be omitted without rounding up or down.

Section 21 – Certificates and Confirmations

- (1) ¹A degree certificate ("Urkunde") of the awarded academic degree and a certificate of results ("Zeugnis") showing individual completed academic components will be issued for the successfully completed master's degree. ²Furthermore, students are provided with a diploma supplement and a grading table confirming the relative ECTS grade distribution. Upon request, confirmation of the overall degree mark as a Grade Point Average (GPA) is also available from the Examination Office.
- (2) ¹The certificate of official results ("Zeugnis") shows the modules and their marks, the title of the master's thesis and its mark, as well as the attained credit points, the overall mark, the specialisation and, if applicable, the classification "with distinction" (section 20 paragraph 4). ²The certificate of official results ("Zeugnis") is accompanied by a list of passed modules (including the Master's Thesis module), which indicates the respective courses and credit points as well as grading or evaluation of assessments. ³All marks are shown as decimal numbers. ⁴The date upon which the final module relevant for calculation of the overall mark as per section 20 paragraph 1 is passed, shall be the date of completion of the master's degree indicated on all documentation. ⁵The issue date of all final degree documentation shall be the date of printing.
- (3) ¹The diploma supplement contains a description of the qualifications achieved through the degree programme, as well as the overall mark attained as per section 20 paragraph 3. ²Paragraph 2 sentences 3 to 5 shall apply accordingly.
- (4) ¹Confirmation of the relative ECTS grade distribution is issued in the form of a grading table. ²The calculation is based on the ECTS User's Guide of the European Commission in the relevant applicable version. ³The responsible body, as specified in section 3, shall determine the parameters for cohort formation within the framework specifications of the Presidential Board and shall make them available to the Examination Office.

- (5) ¹The document displaying the overall degree mark as a Grade Point Average (GPA) additionally shows the assessments indicated in the certificate of official results (“Zeugnis”) as per paragraph 2 as the following equivalent GPA grades:

Mark	Grade Value Equivalent
1.0	= 4.0
1.3	= 3.7
1.7	= 3.3
2.0	= 3.0
2.3	= 2.7
2.7	= 2.3
3.0	= 2.0
3.3	= 1.7
3.7	= 1.3
4.0	= 1.0

²The grade value equivalents of these assessments are used to form the grade value equivalents for the module marks, as specified in section 19 paragraph 2 sentence 2. ³Using the grade value equivalents of these modules, the GPA is calculated as the average of the grade value equivalents according to section 20 paragraphs 1 and 2. ⁴When calculating the overall mark as per sentence 3, the first decimal place will be rounded up.

- (6) ¹In the case of section 8 paragraph 2 or when otherwise withdrawing from the respective degree programme at Gottfried Wilhelm Leibniz Universität Hannover, written confirmation can be issued upon request, specifying passed assessments and modules and their marks and respective credit points. ²All marks are shown as decimal numbers. ³If applicable, the written confirmation shall indicate final failure of the degree programme.
- (7) ¹All certificates and confirmations specified in paragraph 1 shall be issued in German. ²Additionally, English versions of the documents shall be provided by the Examination Office.

Section 22 – Access to Examination Records

¹After completing a module examination, upon request students are granted access by the Examination Office to the complete examination records. ²The application must be filed at the latest within one year of announcement of results or issuance of the certificate of official results (“Zeugnis”).

Section 23 – Procedural Provisions

- (1) Non-beneficial administrative acts must be justified in writing, accompanied by information on legal remedies and delivered to the person concerned.
- (2) ¹The person concerned may submit a written objection to a decision, which is based on the evaluation of an assessment, to the responsible body specified in section 3 within one month of receipt of the notification. ²The responsible body, as specified in section 3, shall decide upon the objection.
- (3) ¹Should the examinee raise concrete and substantiated objections against the evaluation of an examiner, the responsible body specified in section 3 shall forward the objection to the examiner concerned or – in the case of a first and second examiner – both examiners to give their opinion. ²If the evaluation is changed by the examiner(s) in accordance with the request, the responsible body specified in section 3 shall remedy the objection. ³Otherwise, the responsible body specified in section 3 shall review the evaluation on the basis of the opinion(s), paying particular attention to whether
1. the examination process has been duly carried out,
 2. the evaluation has been based on incorrect facts,
 3. generally applicable evaluation principles have not been observed,
 4. a reasonable and logically justified solution has been evaluated as incorrect, or whether
 5. the examiner has been guided by irrelevant considerations.
- (4) A decision must be made within three months of the objection.
- (5) The proceedings shall not result in a worse examination mark for the exam candidate.

Part Four: Final Provisions

Section 24 – Entry into Force and Interim Provisions

- (1) The changes to these examination regulations shall enter into force after approval by the Presidential Board, on the day after publication in the official bulletin of Gottfried Wilhelm Leibniz Universität Hannover on 01 October 2021.
- (2) ¹Students, who have enrolled in the master's degree programme Power Engineering at Gottfried Wilhelm Leibniz Universität Hannover prior to entry into force of these examination regulations and who are studying in accordance with the version issued 17.09.2020, shall be subject to these examination regulations from the point of entry into force.
- (3) ¹The examination regulations issued 19.09.2017, in the latest amended version dated 30.09.2019 (revised 11.12.2019), shall expire 31.03.2023. ²Students studying under these examination regulations shall be examined under the regulations previously applicable until these expire. ³The master's thesis must be registered no later than 30.06.2022. ⁴From 31.03.2023, there will be a transition to the examination regulations issued 17.09.2020 in the latest amended version.

List of Appendices

Appendix 1: Modules of the Master's Degree Programme Power Engineering

Appendix 1.1: Compulsory Modules

Appendix 1.1.1: Compulsory Modules – Energy Technology (International Specialisation)

Appendix 1.2: Required Elective Modules

Appendix 1.2.1: Required Elective Modules – Power Plant Technology

Appendix 1.2.2: Required Elective Modules – Energy Supply

Appendix 1.2.3: Required Elective Modules – Energy Consumption

Appendix 1.2.4: Required Elective Modules – Wind Energy

Appendix 1.3: Elective Modules

Appendix 1.3.1: Additional and Key Qualifications

Appendix 1.3.2: Advanced and Supplementary Modules

Appendix 1.3.3: Elective Modules – Power Plant Technology

Appendix 1.3.4: Elective Modules – Energy Supply

Appendix 1.3.5: Elective Modules – Energy Consumption

Appendix 1.3.6: Elective Modules – Wind Energy

Appendix 1.4: Master's Thesis

Appendix 2: Assessment Types

Appendix 2.1: Definitions

Appendix 2.2: Glossary

Appendix 3: Supplementary Provisions

Appendix 3.1: Registration and Examination Periods

Appendix 3.2: Deadlines for Evaluation of Assessments

Appendix 3.3: (not applicable)

Appendix 1: Modules of the Master's Degree Programme Power Engineering

The duration of a written examination is usually 15 to 25 minutes per credit point for the course/lecture. At the discretion of the examiner, time may be provided for reading in addition to the time allocated for completing the written examination. K/MP indicates that either a written examination or oral examination of the duration specified above will take place. The assessment type shall be announced by the examiner at the beginning of the semester. Consult the module handbook or overview of specialisations for information on which courses/lectures correspond to which modules.

Appendix 1.1: Compulsory Modules

Each of the modules is passed when the minimum sum of credit points specified in the second-to-last column has been attained. All compulsory modules must be passed.

Specialisation	Module	Programme instruction	Prerequisites	Semester	Course-work	Assessment	ECTS	Weighting
Engineering compulsory modules	Theory of Electrical Machines	Lecture, practical session, laboratory		1 onwards	LÜ/AA/HA/R	K / MP	5	4
	Power Plant Technology I	Lecture, practical session, laboratory		1 onwards	LÜ/AA/HA/R	K / MP	5	4
	Aerothermo-dynamics of Turbo-machinery	Lecture, practical session, laboratory		1 onwards	LÜ/AA/HA/R	K / MP	5	4
	Power Electronics II	Lecture, practical session, laboratory		1 onwards	LÜ/AA/HA/R	K / MP	5	4
	Energy Supply	Lecture, practical session, laboratory		1 onwards	LÜ/AA/HA/R	K / MP	5	4
Placement	Advanced Placement	16-Week placement	min. 30 ECTS	3 onwards	AA		20	0
Total							45	

Appendix 1.1.1: Compulsory Modules – Energy Technology (International Specialisation)

If students choose to study the international specialisation of the master's degree programme, 60 ECTS shall be credited for module examinations completed at Peter the Great St. Petersburg Polytechnic University or at Lappeenranta-Lahti University of Technology (as per the cooperation agreement dated 22.06.2016) and admission to the specialisation "Energy Technology" shall be guaranteed. These students complete 30 credit points exclusively via modules in the specialisation Energy Technology. Consult the module handbook for information on courses/lectures as well as the corresponding examinations and credit points for calculation of the module grade. The module is passed when the minimum sum of credit points specified in the second-to-last column has been attained.

Specialisation	Module	Programme instruction	Prerequisites	Semester	Coursework	Assessment	ECTS
Energy Technology	Required Elective Module – Energy Technology I	Lecture, practical session, laboratory	at least 60 credit points completed and credited as per the cooperation agreement with SPbPU and LUT.	3	LÜ/AA/HA/R	K / MP	5
	Required Elective Module – Energy Technology II	Lecture, practical session, laboratory		3	LÜ/AA/HA/R	K / MP	5
	Required Elective Module – Energy Technology III	Lecture, practical session, laboratory		3	LÜ/AA/HA/R	K / MP	5
	Required Elective Module – Energy Technology IV	Lecture, practical session, laboratory		3	LÜ/AA/HA/R	K / MP	5
	Required Elective Module – Energy Technology V	Lecture, practical session, laboratory		3	LÜ/AA/HA/R	K / MP	5
	Required Elective Module – Energy Technology VI	Lecture, practical session, laboratory		3	LÜ/AA/HA/R	K / MP	5
							30

Appendix 1.2: Required Elective Modules

The required elective modules are split into four categories (as per appendices 1.2.1 – 1.2.3):

- Power Plant Technology
- Energy Supply
- Energy Consumption
- Wind Energy

Students must select one of the following specialisations (as per appendices 1.2.1 – 1.2.3) and complete the corresponding modules. Modules that were completed and credited as part of the bachelor's degree programme cannot be credited again in the master's degree programme.

Appendix 1.2.1: Required Elective Modules – Power Plant Technology

Each of the modules is passed when the minimum sum of credit points specified in the second-to-last column has been attained. All required elective modules must be passed.

Specialisation	Module	Programme instruction	Prerequisites	Semester	Course-work	Assessment	ECTS	Weighting
Power Plant Technology	Required Elective Module I Power Plant Technology	Lecture, practical session, (laboratory)		1 onwards	LÜ/AA/HA/R	K / MP	5	4
	Required Elective Module II Power Plant Technology	Lecture, practical session, (laboratory)		1 onwards	LÜ/AA/HA/R	K / MP	5	4
	Required Elective Module III Power Plant Technology	Lecture, practical session, (laboratory)		1 onwards	LÜ/AA/HA/R	K / MP	5	4
Total							15	

Appendix 1.2.2: Required Elective Modules – Energy Supply

Each of the modules is passed when the minimum sum of credit points specified in the second-to-last column has been attained. All required elective modules must be passed.

Specialisation	Module	Programme instruction	Prerequisites	Semester	Coursework	Assessment	ECTS	Weighting
Energy Supply	Required Elective Module I Energy Supply	Lecture, practical session, (laboratory)		1 onwards	LÜ/AA/HA/R	K / MP	5	4
	Required Elective Module II Energy Supply	Lecture, practical session, (laboratory)		1 onwards	LÜ/AA/HA/R	K / MP	5	4
	Required Elective Module III Energy Supply	Lecture, practical session, (laboratory)		1 onwards	LÜ/AA/HA/R	K / MP	5	4
Total							15	

Appendix 1.2.3: Required Elective Modules – Energy Consumption

Each of the modules is passed when the minimum sum of credit points specified in the second-to-last column has been attained. All required elective modules must be passed.

Specialisation	Module	Programme instruction	Prerequisites	Semester	Coursework	Assessment	ECTS	Weighting
Energy Consumption	Required Elective Module I Energy Consumption	Lecture, practical session, (laboratory)		1 onwards	LÜ/AA/HA/R	K / MP	5	4
	Required Elective Module II Energy Consumption	Lecture, practical session, (laboratory)		1 onwards	LÜ/AA/HA/R	K / MP	5	4
	Required Elective Module III Energy Consumption	Lecture, practical session, (laboratory)		1 onwards	LÜ/AA/HA/R	K / MP	5	4
Total							15	

Appendix 1.2.4: Required Elective Modules – Wind Energy

Each of the modules is passed when the minimum sum of credit points specified in the second-to-last column has been attained. All required elective modules must be passed.

Specialisation	Module	Programme instruction	Prerequisites	Semester	Coursework	Assessment	ECTS	Weighting
Wind Energy	Required Elective Module I Wind Energy	Lecture, practical session/ lecture, practical session, laboratory		1 onwards	LÜ/AA/HA/R	K / MP / HA / ZP	5	4
	Required Elective Module II Wind Energy	Lecture, practical session/ lecture, practical session, laboratory		1 onwards	LÜ/AA/HA/R	K / MP / HA / ZP	5	4
	Required Elective Module III Wind Energy	Lecture, practical session/ lecture, practical session, laboratory		1 onwards	LÜ/AA/HA/R	K / MP / HA / ZP	5	4
Total							15	

Appendix 1.3 Elective Modules

Appendix 1.3.1: Additional and Key Qualifications

Within the scope of “Additional and Key Qualifications”, 7 credit points must be attained. These can be attained via a subject-related and unrestricted Studium Generale. A minimum of 3 credit points must be achieved in the subject-related Studium Generale. Otherwise, students are free to decide whether they complete all of the required credit points in the subject-related part or as a combination.

Courses/lectures for the subject-related Studium Generale can be selected from the module handbook of the Faculty of Electrical Engineering and Computer Science. Otherwise, students are free to select subjects from the entire range of courses offered at the university.

Specialisation	Module	Programme instruction	Prerequisites	Semester	Coursework	Assessment	ECTS	Weighting
Additional and Key Qualifications	Studium Generale	Courses offered at LUH (subject-related and unrestricted Studium Generale)		1 onwards	min. 1	-	7	0
Total							7	

Appendix 1.3.2: Advanced and Supplementary Modules

Specialisation	Module	Programme instruction	Prerequisites	Semester	Coursework	Assessment	ECTS	Weighting
Advanced and Supplementary Modules	Technical Elective Subject I	Lecture + practical session/ lecture, practical session + laboratory		1 onwards	LÜ/AA/HA/R	K / MP	5	4
	Major Laboratory Project	Seminar or laboratory	min. 30 ECTS	3 onwards	SA / LÜ		8	0
Total							13	

Appendix 1.3.3: Elective Modules – Power Plant Technology

Each of the modules is passed when the minimum sum of credit points specified in the second-to-last column has been attained. All required elective modules must be passed.

Specialisation	Module	Programme instruction	Prerequisites	Semester	Coursework	Assessment	ECTS	Weighting
Power Plant Technology	Elective Module I Power Plant Technology	Lecture, practical session, (laboratory)		1 onwards	LÜ/AA/HA/R	K / MP	5	4
	Elective Module II Power Plant Technology	Lecture, practical session, (laboratory)		1 onwards	LÜ/AA/HA/R	K / MP	5	4
Total							10	

Appendix 1.3.4: Elective Modules – Energy Supply

Each of the modules is passed when the minimum sum of credit points specified in the second-to-last column has been attained. All required elective modules must be passed.

Specialisation	Module	Programme instruction	Prerequisites	Semester	Coursework	Assessment	ECTS	Weighting
Energy Supply	Elective Module I Energy Supply	Lecture, practical session, (laboratory)		1 onwards	LÜ/AA/HA/R	K / MP	5	4
	Elective Module II Energy Supply	Lecture, practical session, (laboratory)		1 onwards	LÜ/AA/HA/R	K / MP	5	4
Total							10	

Appendix 1.3.5: Elective Modules – Energy Consumption

Each of the modules is passed when the minimum sum of credit points specified in the second-to-last column has been attained. All required elective modules must be passed.

Specialisation	Module	Programme instruction	Prerequisites	Semester	Coursework	Assessment	ECTS	Weighting
Energy Consumption	Elective Module I Energy Consumption	Lecture, practical session, (laboratory)		1 onwards	LÜ/AA/HA/R	K / MP	5	4
	Elective Module II Energy Consumption	Lecture, practical session, (laboratory)		1 onwards	LÜ/AA/HA/R	K / MP	5	4
Total							10	

Appendix 1.3.6: Elective Modules – Wind Energy

Each of the modules is passed when the minimum sum of credit points specified in the second-to-last column has been attained. All required elective modules must be passed.

Specialisation	Module	Programme instruction	Prerequisites	Semester	Coursework	Assessment	ECTS	Weighting
Wind Energy	Elective Module I Wind Energy	Lecture, practical session/ lecture, practical session, laboratory		1 onwards	LÜ/AA/HA/R	K / MP / HA / ZP	5	4
	Elective Module II Wind Energy	Lecture, practical session/ lecture, practical session, laboratory		1 onwards	LÜ/AA/HA/R	K / MP / HA / ZP	5	4
Total							10	

Appendix 1.4: Master's Thesis

Module	Programme instruction	Semester	Prerequisites	Coursework	Assessment	ECTS	Weighting
Master's Thesis	-	4	80 ECTS 4 passed compulsory modules in specialisation compulsory modules in engineering sciences	KO	MA	30	30
Total						30	

The master's thesis module includes an assessment and coursework.

Appendix 2: Assessment Types

Appendix 2.1: Definitions

Paper

A paper is an independently written assignment. It is generally completed under supervision, within a specified time during the lecture period.

Written assignment

¹Written assignments are independent, academic papers on a predetermined topic. ²They comprise task definition, problem solving, results and a conclusion. ³Written assignments include reports, field trip reports, placement reports, project reports or protocols.

Identification courses

An identification course or test involves independent determination of animal and plant organisms using identification keys, up to a specified taxonomic rank.

Documentation

¹Documentation comprises the preparation and presentation of an artistic, cognitive or action-oriented process. ²Documentation can refer to reports and plans that correspond to those used in professional practice. ³Conditions regarding the number of pages or number of plans or draft sheets may be determined by the lecturer at the beginning of the assessment and depend on the kind of task. ⁴Further materials may be attached to the report.

Essay

¹An essay is a written, critical analysis of a literary and/or scientific matter. ²A topic is discussed in a greater overall context according to general academic standards and scientific positions are critically evaluated or analysed.

Experimental seminar

¹An experimental seminar consists of a series of practical tests, conducted under supervision in a laboratory. ²The tests are prepared in written form in a laboratory notebook and/or in preliminary reports and are concluded in written form in the laboratory notebook and/or test reports. ³Here, the students generally explain their practical work, interpret results and place them in a scientific context.

Practical examination

A practical examination is a performance review in sports, conducted during the semester.

Case study

A case study is an evaluation of the data of an experiment, including method description, programme listings, interpretation and conclusions in the form of a report.

Term paper

A term paper is an independently, written paper on a subject-specific or interdisciplinary topic.

Written examination without choice format

A written examination is a written or electronic assessment completed under supervision.

Written examination with choice format

¹A written examination is a written or electronic assessment completed under supervision. ²Written examinations may partially be conducted in choice format (e.g. single choice, multiple choice). ³When preparing the examination questions and answers, it must be determined which answers are recognised

as correct. ⁴The examination questions and answers for examinations with choice format must be checked beforehand by two authorised examiners for errors, consistency of content and appropriateness. ⁵Should a subsequent check of the examination questions reveal individual tasks to have obvious errors, these shall be deemed not to have been assigned. ⁶Evaluation of the examinations shall be based on the number of questions minus the incorrect questions. ⁷Reduction of the number of examination questions shall not have a disadvantageous effect for exam candidates.

Colloquium

¹The colloquium comprises a presentation and a subsequent discussion of the topic, methods and results of the paper. ²Sentences 2 to 5 of the definition for "oral examination" shall apply accordingly.

Artistic presentation

¹An artistic presentation concerns one or more artistic exhibits (pictures, photographs, objects, sculptures, installations, videos, etc.), as well as documentation of the aesthetic process in the form of an appropriate (media) presentation - e.g. reports/journals of work, sketches/photographs with written commentary. ²An artistic presentation is conducted as an individual examination, before an examiner and a proficient observer. ³Sentences 2 to 5 of the definition for "oral examination" shall apply accordingly.

Artistic and scientific presentation

¹An artistic and scientific presentation is based on the interaction between artistic processes and scientific analysis, which are addressed in an artistic project and presented in an appropriate form. ²The visual and linguistic lines of argument and interpretation featured in the presentation are either expressed in an oral presentation with subsequent discussion or explained in a term paper. ³An artistic and scientific presentation is conducted as an individual examination, before an examiner and a proficient observer. ⁴Sentences 2 to 5 of the definition for "oral examination" shall apply accordingly.

Short assignment

A short assignment involves a written assignment, draft or plan completed independently in a set time, concerning a subject-specific or interdisciplinary topic.

Laboratory exercises

¹Laboratory exercises comprise a series of practical tests or programming tasks, accompanied by written assignments (test reports). ²Here, the students generally explain their practical work, interpret results and place them in a scientific context.

Master's colloquium

¹In the master's colloquium, the contents of the master's thesis are discussed and greater detail can be obtained.

Model

¹Models are an extension of two-dimensional designs or plans and aim to illustrate dimension and clarify planning issues. ²They are created to different scales, depending on the task and focus.

Oral examination

¹The oral examination is conducted privately, in the presence of one observer, who holds the qualification that will be ascertained through the said examination or an equivalent qualification. ²The essential topics of the examination will be recorded in a protocol. ³Students wishing to take the same examination at a later date or other members of the university, who express legitimate interest, must be permitted to observe the oral examination. ⁴This permission does not extend to consultations and announcement of the exam candidate's results. ⁵At the request of the exam candidate, the observers specified in sentence 3 must be excluded.

Musical elaboration in a learning group

"Musical elaboration in a learning group" aims to demonstrate the ability to apply practical educational

skills (particularly practical school music performance) in a school class or a smaller group in an appropriate methodical and didactic manner.

Practical musical presentation

¹A practical musical presentation is conducted as an individual examination before two examiners or one examiner and proficient observer. ²Sentences 2 to 5 of the definition for "oral examination" shall apply accordingly.

Practical music education presentation

A practical music education presentation is based on a music education seminar and includes a musical performance by pupils.

Pedagogic-oriented concert

¹The pedagogic-oriented concert is an assignment in relation to the artistic major, in which pedagogic orientation (if applicable, in terms of modern concert pedagogy) plays an important role in execution and presentation/performance. ²In general, it is presented in a school learning group.

Planning and implementation of a teaching unit

The planning and implementation of a teaching unit is conducted in the context of a subject-related practical course and includes preparation and implementation of a teaching unit of a usual duration of 60 minutes, as well as documentation and reflection thereof in the form of a written assignment.

Portfolio

¹A portfolio documents the learning process of certain issues or tasks, set by teaching staff at the start of the course. ²Systematic self-reflection is conducted during the course or retrospectively, including a compilation of various materials in a folder, depending on what has been agreed. ³An optional, supplementary interview may be conducted to discuss the portfolio. ⁴Like the portfolio, the interview is competence-oriented.

Presentation

¹A presentation comprises the preparation of a predetermined topic, using electronic media and an oral presentation, if applicable. ²In a multimedia presentation, media in their broadest sense play an important role and the "multi" aspect may be achieved through the mutual interaction of a partition screen, poster or PowerPoint presentation, as well as through typical music and film media or through music-education-oriented media (particularly the creative communication aspects). ⁴If the appendix specifies a presentation with a written assignment (PR/A), the presentation must be accompanied by a written assignment.

Project work

Project work comprises a written application for a research project and the presentation of the project idea in a seminar presentation (with discussion).

Presentation

A presentation comprises:

1. an independent and detailed analysis of an issue within the context of the course, integrating and evaluating relevant literature,
2. account of the work and outcomes in the presentation, as well as in the subsequent discussion,
3. a written assignment, if applicable.

Seminar paper

A seminar paper involves experimental, documental or illustrative scientific practical work (project).

Seminar assignment

A seminar assignment comprises a term paper and presentation thereof, including subsequent discussion.

Practical sports presentation

¹In a practical sports presentation, students exhibit their demonstration and movement skills. ²Depending on the field of experience or learning, the presentation may include techniques and tactics specific to a particular sport; coordinative-rhythmic, coordinative-technical or conditional basics. ³A variable ability to play or act, presented under situational circumstances may also be assessed in this type of examination. ⁴The respective type and duration of the presentation is determined by agreement. ⁵Sentences 2 to 5 of the definition for "oral examination" shall apply accordingly.

Charrette

¹A charrette tests independent research and the ability to work creatively or scientific-analytically under time pressure. ²As a result, a draft or plan is produced with respect to a subject-specific or interdisciplinary task in conceptual terms, taking into account particular aspects relating to the field of study. ³A one-day charrette must be completed within 24 hours; a one-week charrette must be completed within seven days.

Academic research paper

¹In an academic research paper a subject-specific or interdisciplinary topic is addressed in theoretical, experimental or constructive respect and the developed solutions are presented and explained in a manner usual for the professional activity. ²The scope of the work is specified bindingly in the appendix (in months or hours). ³The topic of the academic research paper can be proposed by any professor in the Faculty of Electrical Engineering and Computer Science – in the Electrical Engineering or Information Technology departments – or the Faculty of Mechanical Engineering. ⁴With the approval of the responsible body specified in section 3, the topic can also be proposed by a professor that is neither a member of the Faculty of Electrical Engineering and Computer Science – in the Electrical Engineering or Information Technology departments – nor a member of the Faculty of Mechanical Engineering. ⁵If applicable, the responsible body specified in section 3 may compile a list restricting the selection of first examiners. ⁶The topic of the paper will be determined by the examiner after hearing the examinee. ⁷The topic will be assigned by the responsible body specified in section 3 or the respective entity appointed by them; assignment of the topic must be recorded. ⁸The topic and schedule for completion must also be determined upon assignment of the topic. ⁹During preparation of the paper, the examinee will be supervised by the examiner. ¹⁰The period from assignment of the topic to submission of the paper is six months. ¹¹The topic of the paper may only be returned once and only within the first eight weeks of the completion period. ¹²Two copies of the paper must be submitted by the deadline to the entity appointed by the Examination Board; the date and time of submission must be recorded. ¹³Evaluation of the paper may also include consideration of the development process. ¹⁴As a rule, the paper shall be evaluated within four weeks of submission.

Practical theatrical presentation

¹Practical theatrical presentation is the display of practical theatrical work before an audience, either in a process-oriented or product-oriented form. ²Sentences 2 to 5 of the definition for "oral examination" shall apply accordingly.

Exercises

¹As an assessment, an exercise is conducted under supervision during a given time, within the curriculum. ²In order to pass, a certain portion of the tasks must be solved correctly according to the instructions given by the teaching staff.

Lesson design

¹A lesson plan entails independent planning and implementation of a lesson as part of a specialist placement at a school for children with special needs or in an inclusive environment. ²The lesson is reviewed and evaluated by a mentor and the seminar coordinator of the preparation seminar.

Presentation

¹A presentation should demonstrate the examinee's ability to present scientific facts briefly and concisely

and the skill acquired to defend their position in a critical scientific discussion. ²In order to ensure an objective evaluation, the examinee must submit a copy of the oral presentation in advance if requested by the teaching staff of the relevant course.

Graphic representation

¹Graphic representations explain, clarify and present design and planning work. ²Depending on the task and thematic focus, they are prepared according to different standards and techniques.

Combined assessment

¹A combined assessment comprises up to five components. ²Components may, for example, be a written examination, an oral examination, a placement or a term paper.

Appendix 2.2: Glossary of Assessment Types

Paper	A	Aufsatz
Written assignment	AA	Ausarbeitung
Bachelor's thesis	BA	Bachelorarbeit
Identification courses	BÜ	Bestimmungsübungen
Documentation	DO	Dokumentation
Essay	ES	Essay
Experimental seminar	EX	Experimentelles Seminar
Practical examination	FP	Fachpraktische Prüfung
Case study	FS	Fallstudie
Term paper	HA	Hausarbeit
Written examination without choice format	K	Klausur ohne Antwortwahlverfahren
Written examination with choice format	KA	Klausur mit Antwortwahlverfahren
Colloquium	KO	Kolloquium
Artistic presentation	KP	Künstlerische Präsentation
Short assignment	KU	Kurzarbeit
Artistic and scientific presentation	KW	künstlerisch-wissenschaftliche Präsentation
Laboratory exercises	LÜ	Laborübungen
Master's Thesis	MA	Masterarbeit
Musical elaboration in a learning group	ME	Musikalische Erarbeitung in einer Lerngruppe
Master's colloquium	ML	Master-Kolloquium
Models	MO	Modelle
Oral examination	MP	mündliche Prüfung
Practical musical presentation	MU	Musikpraktische Präsentation
Practical music education presentation	MK	Musikpädagogisch-praktische Präsentation
Project work	P	Projektarbeit
Planning and implementation of a teaching unit	PD	Planung und Durchführung einer Lehrveranstaltungseinheit
Portfolio	PF	Portfolio
Pedagogic-oriented concert	PK	Pädagogisch orientiertes Konzert
Presentation	PR	Präsentation
Planning	PW	Planwerk
Presentation	R	Referat
Seminar paper	SA	Seminararbeit
Impromptu assignment	SG	Stegreif
Seminar assignment	SM	Seminarleistung
Practical sports presentation	SP	Sportpraktische Präsentation
Academic research paper	ST	Studienarbeiten
Practical theatrical presentation	TP	Theaterpraktische Präsentation
Lesson design	U	Unterrichtsgestaltung
Ungraded written examination	uK	unbenotete Klausur
Ungraded written examination with choice format	uKA	unbenotete Klausur im Antwortwahlverfahren
Exercises	Ü	Übungen
Presentation	V	Vortrag
Graphic representation	ZD	Zeichnerische Darstellung
Combined assessment	ZP	Zusammengesetzte Prüfungsleistung

Appendix 3: Supplementary Provisions

Appendix 3.1: Registration and Examination Periods

¹The responsible body, as specified in section 3, shall determine the variant for this degree programme or for the courses in this degree programme. ²Variant 1 (one registration period/one examination period) or variant 2 (two registration periods/two examination periods) shall be determined.

³ Variant 1	Registration period in the winter semester:	15.11. – 30.11.
	Examination period in the winter semester:	15.12. – 14.04.
	Registration period in the summer semester:	15.05. – 31.05.
	Examination period in the summer semester:	15.06. – 14.10.

⁴No examinations should take place during the period 15.10. – 14.11. for the winter semester and during the period 15.04. – 14.05. for the summer semester.

⁵ Variant 2	Registration period I in the winter semester:	15.11. – 30.11.
	Examination period I in the winter semester:	15.12. – 28.02.
	Registration period II in the winter semester:	16.03. – 23.03.
	Examination period II in the winter semester:	24.03. – 14.04.
	Registration period I in the summer semester:	15.05. – 31.05.
	Examination period I in the summer semester:	15.06. – 31.08.
	Registration period II in the summer semester:	16.09. – 23.09.
	Examination period II in the summer semester:	24.09. – 14.10.

⁶No examinations should take place during the periods 15.10. – 14.11. and 01.03. – 15.03. for the winter semester and during the periods 15.04. – 14.05. and 01.09. – 15.09. for the summer semester.

⁷Please note that within a degree programme, other registration and examination periods may apply for external modules (teaching exports).

⁸It is possible to register for the master's thesis, projects and academic research papers outside of the periods stated.

⁹Registration for the assessment types listed as per appendix 3.3 of the examination regulations must occur in the first registration period of both variants.

Appendix 3.2: Deadlines for Evaluation of Examinations

¹Depending on the variant selected in appendix 3.1, examiners must submit marks for:

Variant 1:

- by 15.04. for the winter semester
- by 15.10. for the summer semester

Variant 2:

- by 01.09. (first examination period) /15.10. (second examination period) for the summer semester
- by 01.03. (first examination period)/15.04. (second examination period) for the winter semester

Appendix 3.3: (not applicable)