

Leipzig University
Faculty of Physics and Earth Sciences

Examination Regulations for the Master's Degree Course in Meteorology at Leipzig University¹

From ...

On the basis of the Law on the Freedom of Universities in the Free State of Saxony (Sächsisches Hochschulfreiheitsgesetz – SächsHSFG) as amended and promulgated on 15th January 2013 (SächsGVBl. page 3) and last amended by Article 2, Paragraph 27 of the Law from 5th April 2019 (SächsGVBl. page 245), Leipzig University has issued the following Examination Regulations on xxx.

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¹ This English translation is intended to allow English-speaking readers a better understanding of the Examination and Study Regulations. It is solely for information purposes and only the German version is legally binding.

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I. General Provisions

§ 1

Purpose of the Master's Examination

The Master's examination is used to determine whether and the extent to which the following objectives of the degree course in Meteorology were met:

- Subject-specific and occupation-specific focuses with regard to Theoretical, General and Applied Meteorology.
- Independently tackling a more comprehensive scientific or practical problem with a subject-specific focus.

§ 2

Regular Period of Study

The regular period of study is 4 semesters including the Master's thesis.

§ 3

Examination Structure

- (1) The Master's examination is comprised of the module examinations completed during the Master's degree course and the Master's thesis.
- (2) A module examination normally consists of one examination component. The examination components of a module examination shall be completed alongside the candidate's degree studies. The examination table (see appendix) mainly shows which module examinations form part of which module, the weighting of the examination components involved in each module and the examination requirements that are to be fulfilled.

§ 4

Deadlines

- (1) The Master's examination should be completed within the regular period of study. A Master's examination that is not completed within 4 semesters after the end of the regular period of study will be graded as failed.
- (2) A failed module examination can be resat within a year after the completion of the first examination attempt. This period will begin when the examination result is announced. Once this period has expired, the repeat attempt will be graded as failed. The first examination resit can take place in the same semester as the announcement of the examination result but 14 days after the announcement of the result at the earliest. A second examination resit can only take place on the next possible examination date upon application.
- (3) In the case of part-time study, the deadlines will be extended according to the duration of the part-time studies compared to the full-time course in accordance with paragraph 1 and paragraph 2 sentence 1. More information is laid out in the current version of the University-Wide Part-Time Studies Regulation.
- (4) Students are normally informed about the dates of examination components electronically. The dates are normally announced 4 weeks before the respective examination is due to take place.
- (5) Students are always notified of examination results electronically.
- (6) If students fail to meet deadlines for reasons that are not attributable to

them, these periods must not be factored into the calculation of the deadlines. This also applies to maternity leave and parental leave periods.

§ 5

General Admission Requirements

- (1) The module examinations and the Master's thesis of Master's Degree Course in Meteorology can only be taken and completed by those who
 1. are enrolled on the Master's Degree Course in Meteorology at Leipzig University and
 2. have completed the pre-examination requirements laid out in the appendix to the Examination Regulations.
- (2) Students who have not received notification that their admission to the module examinations has been rejected in accordance with paragraph 4 up to one week before they are given assignments and/or complete the examination component will be deemed to have been granted admission to the module examinations. Approval for the Master's thesis will be deemed to have been given when the thesis topic is released.
- (3) Registration for a module also constitutes registration for the module examination. Withdrawal from the module and the associated withdrawal from the module examination can be carried out in writing to the responsible examination office up to 4 weeks before the end of the lecture period at the latest. If notification of withdrawal from the module is submitted within this deadline, all examination components within the module that have already been completed will be classified as not completed. After this, withdrawal from examination is only possible on the basis of important reasons and requires written notification of withdrawal and written approval from the Examination Board.
- (4) Admission to the module examination and the Master's thesis can only be rejected if:
 1. the student has not met the requirements stipulated in paragraph 1,
 2. the student's documents are incomplete,
 3. the examination candidate has lost his/her right to take an examination pursuant to the law of the federal state by exceeding the deadline for registration for the examination or completion of the examination.

The reason for the rejection must be specified.

§ 6

Pre-Examination Requirements

- (1) Pre-examination achievements (academic achievements that are a special prerequisite for admission to the module examination) are assessed in the form of weekly exercise sheets or homework and internship/lab reports and are evaluated with “passed” or “failed”. A pre-examination requirement is passed if the candidate reaches 50 % of the possible total number of points for the pre-examination achievement in the semester. The processing time per issued homework is one week.
- (2) The necessary pre-examination requirements can be found in the appendix to the Examination Regulations.
- (3) If the examination candidate fails a pre-examination requirement, they may repeat it once within a semester. Notwithstanding sentence 1, the pre-examination requirement “weekly homework” may not be repeated if it is not passed. If the candidate also fails the repeat attempts, the module will be deemed undocumented.

§ 7

Examination & Assessment

- (1) Examination components (Prüfungsleistungen – PL) must be completed in the form of:
 1. oral examinations (§ 8)
 2. written examinations (§ 9)
 3. project work (§ 10)
 4. other examination components (§ 11).
- (2) Written examinations contain no multiple-choice tasks.
- (3) If an examination candidate provides credible evidence that he/she is fully or partially unable to complete examination components within the stipulated deadline or is unable to comply with other examination conditions due to disability or a chronic illness, the examination candidate will be allowed to complete the examination components within an extended deadline or complete equivalent examination

components in a different form. The presentation of a doctor's certificate and, in cases of doubt, an official medical certificate can be demanded. These provisions also apply to study components.

§ 8

Oral Examinations

- (1) Oral examinations require examination candidates to prove that they can identify the connections involved in the field being examined and are able to tackle special questions and problems according to these connections. Oral examinations are also designed to determine whether the basic knowledge of examination candidates corresponds to the knowledge required at this stage of their degree studies.
- (2) Oral examinations must be conducted by several examiners (panel examinations) or by one single examiner accompanied by a competent observer (cf. § 18 paragraph 1 sentence 4) as a group examination or individual examination. A written record of the examination containing the significant subject matters and results of the examination must be produced. In the case of panel examinations, the mark will be determined by the examiners. In other examinations, the examiner will consult with the observer before deciding on the mark awarded.
- (3) The duration of the oral examination is specified in the appendix to the Examination Regulations.
- (4) The examination candidate must be notified of his/her result after completion of the oral examination.

§ 9

Written Examinations

- (1) In written examinations, examination candidates should prove that they are able to use the common methods involved in their subject area to solve problems and explore topics on the basis of the required basic knowledge in a limited time and with limited resources. Examination candidates can be given a selection of topics to choose from.
- (2) The duration of written examinations is specified in the appendix to the Examination Regulations.

- (3) Written examinations are normally assessed by two examiners. The final mark awarded for a written examination is based on the arithmetic average of the marks awarded by each examiner. The assessment procedure should take no longer than 4 weeks.

§ 10

Project Work

- (1) Project work is designed to provide evidence of a student's ability, especially in terms of the development, implementation and presentation of concepts and, where applicable, his/her ability to work in a team. When completing project work, examination candidates should show that they are able to define objectives and develop interdisciplinary problem-solving approaches and concepts when working on a larger task. Project work is normally comprised of an oral presentation and a written report on or documentation of the project results. The grade awarded for the project work is based on the arithmetic average of the marks achieved for the oral presentation and the written report or documentation of the results.
- (2) § 8 paragraphs 2, 4 and § 9 paragraph 3 apply accordingly to the assessment of project work.
- (3) The duration of the oral presentation and the deadline for the completion of the written report or documentation of the results are specified in the appendix to the Examination Regulations.
- (4) In project work completed as a team, the contribution made by the individual examination candidate must be clearly recognisable and assessable and must meet the requirements stipulated in paragraph 1.

§ 11

Other Examination Components

- (1) Other examination components (weitere Prüfungsleistungen – WPL) include presentations (daily weather analyses over a period of one week), presentations with and without written elaboration, protocols of internship experiments and written elaborations. The duration of lectures and presentations as well as the processing times for written elaborations and protocols are regulated by the appendix to the Examination Regulations.

- (2) § 8 paragraphs 2, 4 and § 9 paragraph 3 apply accordingly to the assessment of other examination components.

§ 12

Assessment of Examination Performance & Calculation and Weighting of Marks

- (1) The grade awarded for the Master's examination is calculated according to the arithmetic average of the marks achieved in the module examinations of the core subject, the elective area and the Master's thesis weighted according to credits. Modules that are not marked are not factored into the final grade.
- (2) The results of the examination components will be combined to produce a module mark by the Examination Office. The marks awarded for individual examination components will be specified by the respective examiners. § 8 paragraph 2 sentence 3 apply to the assessment of oral examinations. The following marks must be used for the assessment of examination components:
- | | | |
|------------------|---|---|
| 1 = very good | = | outstanding performance |
| 2 = good | = | performance that significantly exceeds the average requirements |
| 3 = satisfactory | = | performance that meets the average requirements |
| 4 = sufficient | = | performance that meets the requirements despite a number of shortcomings |
| 5 = insufficient | = | performance that does not meet the requirements due to significant shortcomings |
- (3) In order to differentiate the assessment of examination components, individual marks can be amended by adding or deducting 0.3. The marks of 0.7, 4.3, 4.7 and 5.3 are not permitted.
- (4) If a module examination is comprised of several examination components, the module mark is calculated according to the arithmetic average of the mark awarded for the examination components weighted in accordance with the appendix to the Examination Regulations. The individual examination components are weighted by means of the calculation of multiples. Individual examination components of the module examination can generally be offset against each other. If a

student passes the module examination, he/she will be awarded the corresponding credits, which will be recorded together with the marks by the Examination Office.

- (5) When calculating the mark for the Master's examination, the mark for the examination component and the module mark, only the first decimal place will be considered; all other positions after the decimal point will be deleted without being rounded up or down.

The module mark is determined as follows:

- | | | |
|--|---|--------------|
| 1. for an average of up to and including 1.5 | = | very good |
| 2. for an average of 1.6 to 2.5 | = | good |
| 3. for an average of 2.6 to 3.5 | = | satisfactory |
| 4. for an average of 3.6 to 4.0 | = | sufficient |
| 5. for an average of over 4.0 | = | insufficient |

- (6) For the Master's examination, an overall grade is given. The overall grade of the Master's examination is calculated as the arithmetic mean of the grades of all module examinations and the Master's thesis, whereby a weighting of the individual module examinations and the Master's thesis is possible and takes place by forming multiples.

§ 13

Absence, Withdrawal, Deception and Breaches of Regulations

- (1) An examination shall be deemed to have been marked "insufficient" (5.0) if the examination candidate misses a binding examination without good cause or withdraws from an examination without good cause. § 5 paragraph 3 shall remain unaffected. Sentence 1 must be applied accordingly if the examination candidate does not complete a written examination or his/her Master's thesis within the stipulated deadline without good cause. If an examination is not marked, it will be graded as "failed".
- (2) The reason specified for the withdrawal from the examination or failure to sit the examination must be immediately submitted in writing and substantiated. If the examination candidate falls ill, the presentation of a doctor's certificate is demanded. In cases of doubt, an official medical certificate can be demanded. If it affects the candidate's compliance with the deadline for initial registration for an examination, resitting

examinations, reasons for failing to sit examinations and compliance with deadline stipulated for examination work, the illness of a family member who is mainly cared for by the examination candidate shall be treated the same as an illness of the examination candidate himself/herself. If the reason for withdrawal from the examination is approved, a new examination date will be arranged. The candidate's existing examination results should be factored into the overall grade in this case.

- (3) If the examination candidate attempts to influence the result of his/her examination performance by means of deception, using sources without naming them, using quotations without labelling them or using aids that are not permitted, the examination concerned will be marked “insufficient” (5.0). If an examination is not marked, it will be graded as “failed”. An examination candidate who disturbs the orderly running of an examination can be excluded from continuing the examination by the respective examiner or invigilator; if this occurs, the examination will be marked “insufficient” (5.0). If an examination is not marked, it will be graded as “failed”.
- (4) In serious cases of the circumstances described in paragraph 3, the Examination Board can:
 1. deem the entire module examination to have been failed or definitively failed,
 2. exclude the examination candidate from completing further course and examination components.

The examination candidate must be given the opportunity to make a statement before a decision is made.

- (5) The examination candidate must be notified of any decisions that are detrimental to his/her studies immediately in writing. The reason behind such decisions must be provided alongside information on the candidate's right to appeal.

§ 14

Passing and Failing

- (1) The Master's examination shall be deemed to have been passed when the candidate has completed the required course component, passed the module examinations of the Master's examination and achieved a mark of “sufficient” (4.0) or better for his/her Master's thesis.

- (2) If the examination candidate has not passed the Master's examination, he/she will be provided with a certificate listing the course and examination components completed by the candidate and the marks awarded and specifying that the Master's degree course has not been completed on request and upon presentation of the corresponding evidence.
- (3) A module examination shall be deemed to have been passed if it is awarded a module mark of “sufficient” (4.0) or better. A module examination that has not been marked shall be deemed to have been passed if the examination components have been graded as “passed”.
- (4) Notwithstanding § 12 paragraph 4, the examination components that are specifically listed in the appendix must have been marked “sufficient” (4.0) or better or, in the case of an examination that has not been marked, graded as “passed”. If they are not passed, these examinations cannot be compensated for but can be factored into compensation for other examination components of the module examination.
- (5) An examination component that has not been marked “sufficient” (4.0) or better or, in the case of an examination that has not been marked, graded as “passed” does not exclude the candidate from continuing the module examination.
- (6) If the examination candidate has failed a module examination or received a mark worse than "sufficient" (4.0) for his/her Master's thesis, the examination candidate will be informed of this in writing. Furthermore, he/she will receive information as to whether and, where applicable, to which extent and by which deadline the examination component or Master's thesis can be repeated.

§ 15

Resitting Module Examinations

- (1) Resitting the entire Master's examination as defined in § 3 paragraph 1 is not possible. If a module examination of a compulsory module has been definitively failed, the Master's examination shall also be deemed to have been definitively failed. If a module examination in an elective module has been definitively failed, the Master's examination shall also be deemed to have been definitively failed unless the module is substituted as specified in paragraph 3.

- (2) If the examination candidate fails a module examination, only examination components that have been given the mark of “insufficient” (5.0) can be repeated. If the examination candidate fails a module examination that has not been marked, only the examination component that has been graded as “failed” can be repeated.
- (3) If the module examination in an elective module has been definitively failed, this can be substituted with another attestable elective module that has been passed. Sentence 1 applies accordingly to elective modules.

§ 16

Crediting of Study Hours & Study and Examination Performance

- (1) Course and examination components that have been completed at a university will be factored into the overall grade by the responsible Examination Board on request unless there are significant differences between the skills and expertise acquired. Students must submit the required documents. In the case that previous components are factored into the overall grade as specified in sentence 1, the corresponding study hours must be counted.
- (2) Paragraph 1 applies accordingly to study hours and course and examination components completed as part of officially recognised long-distance courses and at other educational institutions.
- (3) Qualifications obtained outside of the degree course will be factored into the overall grade if they correspond to and can substitute parts of the course in terms of their content and requirements.
- (4) If course and examination components are factored into the overall grade, the marks must be transferred into the degree course – insofar as the two grading systems are comparable – and factored into the calculation of the overall grade. In the case of incompatible grading systems, the components will be transferred into the degree course and marked as “passed”. The inclusion of a note that the components have been factored into the overall grade on the examination certificate is permitted.
- (5) If components are not factored into the overall grade, this decision must be substantiated in writing by the responsible Examination Board.

§ 17

The Examination Board

- (1) The Examination Board is comprised of members of the Faculty of Physics and Earth Sciences.
- (2) The Examination Board consists of the Chairman/Chairwoman, his/her deputy and up to 7 further members. The Chairman/Chairwoman and up to 4 members are selected from the group of university lecturers, up to 2 members are selected from the group of academic staff and up to two members is selected from the group of students in the Faculty Board. The selection of the student member is carried out in consultation with the student representatives in Faculty Board.
Furthermore, a substitute member must be selected for each member of the Examination Board from his/her group. The members of the Examination Board elect the Chairman/Chairwoman and a Vice-Chairman/Chairwoman from the group of university lecturers. The university lecturers have the majority of the votes. The period of office of the university lecturers and the members of staff is 3 years and the period of office of the students is one year.
- (3) The Examination Board ensures that the provisions of the Examination Regulations are complied with and proposes suggestions as to how the Examination and Study Regulations can be reformed. The Examination Board constitutes a quorum when its meeting was duly convened and the majority of its members are present. The Examination Board passes resolutions in accordance with the majority of votes of the members present. The student member is not involved in determining the examination questions.
- (4) The Chairman/Chairwoman prepares and implements the resolutions of the Examination Board. He/She informs the Faculty Board about the work of the Examination Board, especially with regard to the development of study hours and the distribution of marks. The Examination Board can transfer some of its functions and powers to its Chairman/Chairwoman. This does not, however, apply to decisions on objections.
- (5) In the case of examinations in interdisciplinary modules, the required decisions are made in consultation with the examination board responsible for the other subject.
- (6) The members of the Examination Board have the right to attend examination components. They must inform the examiner about their

attendance 14 days before the examination at the latest.

- (7) The members of the Examination Board are subject to an obligation of official secrecy. If they are not public servants, they must be sworn to secrecy by the Chairman/Chairwoman.

§ 18

Examiners and Observers

- (1) Only professors and other individuals who are authorised to conduct examinations and have been awarded authorisation to teach in the subject areas that form the focus of the examination components or have been assigned responsibility for the independent execution of teaching tasks will be appointed as examiners. Where appropriate, in accordance with the subject matter of the examination, individuals who are authorised to independently teach only a specific area of an examination subject may also be appointed as an examiner. In special exceptional cases, teaching staff for special tasks and individuals with experience of professional practice and training can be appointed as examiners insofar as this is appropriate for the individual nature of the university examination. Examiners and observers must have at least achieved the qualification awarded for the examination or an equivalent qualification.
- (2) The examination candidate will be informed of the names of the examiners at least 4 weeks before the examination date. Justified deviations are possible and require the consent of the Examination Board.
- (3) § 17 paragraph 7 applies accordingly to the examiners and observers.

§ 19

Master's thesis

- (1) The volume of work involved in the Master's thesis amounts to 30 credits and includes the preparation of the written thesis and its defence. The master thesis should be thematically related to a research-oriented focus.
- (2) The Master's thesis should demonstrate that the examination candidate is able to independently use scientific methods to tackle a problem arriving from his/her subject area within a specific period of time. The thesis must normally be completed alongside the candidate's degree studies during the fourth semester. The Master's thesis must be completed within a

period of 23 weeks. The period in which the Master's thesis must be completed can normally be extended by up to 6 weeks by the Examination Board at the request of the student for reasons for which he/she is not responsible and on the basis of a statement submitted by the student's thesis supervisor. The request must be submitted to the Examination Board no later than one month before the end of the processing period of the thesis.

- (3) The Master's thesis is supervised by a professor or another individual authorised to conduct examinations insofar as the individual works in an area relevant to the Master's degree course in Meteorology at Leipzig University.
- (4) The topic of the Master's thesis will be released to the examination candidate by the Examination Board at his/her request at the end of the lecture period in the third semester at the latest. The topic and time of the Master's thesis must be put on record. The examination candidate can inform the Examination Board of his/her desired topics. The allocated topic can only be returned once and only within a period of one month after being released.
- (5) The Master's thesis can also be completed in the form of group work if the contribution by the individual candidate that is to be assessed as an examination component is clearly distinguishable and assessable on the basis of sections, page numbers or other objective criteria that allow a clear distinction to be made and also meet the requirements laid out in paragraph 2, sentence 1.
- (6) The date of submission of the Master's thesis must be put on record. When producing his/her thesis, the examination candidate must ensure that he/she writes it – in the case of group work, his/her personal section of the work – independently and does not use any sources or aids other than those specified.
- (7) The Master's thesis must be submitted in the form of two printed copies and one electronic copy in either German or English. When submitting his/her thesis, the examination candidate must ensure that the electronic version corresponds to the printed version.
- (8) The Master's thesis must be independently assessed by 2 examiners, one of whom should be the thesis supervisor.
- (9) The final grade for the Master's thesis will be awarded as follows. If the marks awarded in the two assessments are “sufficient” (4.0) or better and

are not separated by more than 2.0, the final grade will be calculated as the average of these two marks. If the two marks are “insufficient” (5.0), the thesis will be graded as “failed”. If one of the two marks is “insufficient” (5.0) or the marks awarded in the two assessments are separated by more than 2.0, the Chairman/Chairwoman of the Examination Board will appoint a third assessor. The final grade will then be calculated as the average of the two best marks providing that these marks are “sufficient” (4.0) or better. If two of the three marks are “insufficient” (5.0), the final grade will be “insufficient” (5.0).

- (10) The assessment of the Master's thesis is not permitted to take any longer than 6 weeks.
- (11) The defence will take place if the written thesis has been graded “sufficient” (4.0) or better. The defence is public and includes
 - a presentation of results of the written thesis (duration 30 minutes) and
 - a discussion of the written thesis and its scientific environment (duration 30 minutes).
- (12) The date of the defence may be proposed to the Examination Board by an assessor of the written thesis after the candidate's agreement and confirmed by the Examination Board. If no proposal is made, the Examination Board will set a date for the defence and will announce it to the candidate at least one week before the defence date. In addition, the Chairman/Chairwoman of the Examination Board announces the date to the Faculty.
- (13) The main content and results of the defence are to be recorded and graded in a protocol. The result is to be communicated to the candidate at the end of the defence. After the decision of the examination candidate, this is done in public or non-public form.
- (14) The defence will be conducted by two examiners, which are appointed by the Examination Board and with at least one of the examiners being assessor of the written thesis. Of these two, the Examination Board shall appoint the Chairman/Chairwoman of the defence. The evaluation of the defence and its grading discussion are not public. The grade for the defence is calculated from the average of the grades from the examiners. If the average of both grades is worse than “sufficient” (4.0), the defence is graded as “insufficient”.

- (15) The overall grade of the Master's thesis is calculated from the arithmetic mean of the single weighted grade of the defence and the double weighted grade of the written thesis.
- (16) The Master's thesis is passed if the grade of the written thesis and the overall grade according to section 15 is “sufficient” (4,0) or better.
- (17) The following applies to the repetition of the Master's thesis:
 1. If the overall grade of the Master's thesis is worse than “sufficient”, only the written theses if graded worse than “sufficient” and a defence not passed according to paragraph 14 sentence 5 may be repeated.
 2. The repetition can take place once within the period of a year after the completion of the first examination attempt. This period will begin when the examination result is announced. Once this period has expired, the repeat attempt will be graded as failed. A second repeat attempt can only take place on the next possible examination date upon application.
 3. The written thesis is to be repeated with a new topic. The return of the topic of the Master's thesis within the deadline specified in paragraph 4 is, however, only permitted if the examination candidate has not made previous use of this option.
 4. If the Master's thesis is passed, the repetition of a failed defence is excluded.

§ 20

Course Certificate and Master's Degree Certificate

- (1) The examination candidate will receive a certificate for his/her successfully passed Master's examination without delay and within a period of 4 weeks where possible. The certificate will be awarded together with the candidate's Transcript of Records, which contains a list of the marks and credits awarded for the modules of the Master's degree course and the overall grade.
- (2) The certificate will bear the date on which the candidate completed his/her last examination component and the date on which the certificate was issued. The certificate will also contain the name, date of birth and place of birth of the student, the topic and grade of his/her Master's thesis and the overall grade of his/her Master's examination. An English

translation of the certificate must be provided with the original certificate.

- (3) Leipzig University will issue a Diploma Supplement (DS) corresponding to the “Diploma Supplement Model” of the European Union/European Council/UNESCO.
- (4) At the same time as the Master's examination certificate, the examination candidate will also receive the Master's degree certificate containing the date of the examination certificate. This degree certificate will state that the candidate has been awarded a Master's degree. Furthermore, the Master's degree certificate contains the name, date and place of birth of the candidate and the overall grade of the examination. The Master's degree certificate will be signed by the Chairman/Chairwoman of the Examination Board and the Dean of the Faculty of Physics and Earth Sciences and will be stamped with the seal of the Faculty of Physics and Earth Sciences. An English translation of the degree certificate must be provided with the original certificate.
- (5) Examination Certificate, Transcript of Records, Diploma Supplement and Degree Certificate are designed in accordance with the corporate design of the University of Leipzig.

§ 21

Invalidity of the Master's Examination

- (1) If the examination candidate has cheated in an examination component and this fact is only revealed after the certificate has been issued, the mark awarded for the examination component can be corrected in accordance with § 13 paragraph 3. The module examination and Master's examination can be deemed to have been failed where applicable.
- (2) If the examination candidate failed to meet the requirements for the acceptance of a module examination with no intent to deceive and this fact is only revealed after the certificate has been issued, this shortcoming will be resolved by the passing of the module examination. If the examination candidate wrongly obtained admission to the module examination with intent, the module examination and Master's examination can be deemed to have been failed.
- (3) The examination candidate must be given the opportunity to make a statement before a decision is made.
- (4) Paragraphs 1 to 3 apply accordingly for the Master's thesis.

- (5) An incorrect certificate must be retracted and a new certificate issued where applicable. The Master's degree certificate, Transcript of Records and Diploma Supplement must also be retracted together with the incorrect certificate. Decisions according to paragraph 1 and paragraph 2 sentence 2 are excluded after a period of 5 years starting on the date of the certificate.

§ 22

Access to Examination Records

Within a period of a year after completion of the examination procedure, the examination candidate will be provided access to his/her written examination work, the assessment of this work and the examination records after submitting an informal application within a reasonable period of time.

§ 23

Responsibilities of the Examination Board

The Examination Board is responsible for all of the tasks that must be performed in accordance with these regulations unless specified otherwise.

The Examination Board is particularly responsible for decisions:

1. on the rejection of admission to the module examinations and the Master's thesis (§ 5),
2. on the compensation for disadvantages (§ 7, paragraph 3),
3. on the consequences of violations of the Examination Regulations (§ 13)
4. on the grades of “passed” and “failed” (§ 14)
5. on the crediting of study hours, study and examination components, including the justification of decisions to not credit these hours and components (§ 16)
6. on the appointment of the examiners and observers (§ 18) and the authorisation to issue the Master's thesis (§ 19)
7. on the invalidity of the Master's examination (§ 21)
8. on objections in the examination procedure (§ 24)

§ 24 Right to Objection

- (1) Any decisions that are detrimental to examination candidates must contain information on the candidate's right to appeal.
- (2) Examination candidates can enter objections to negative decisions within a month after being informed of the decision. Objections must be submitted in writing or as an oral statement to be recorded at the Faculty of Physics and Geosciences.
- (3) The Examination Board will come to a decision on the objection within a period of 3 months.

II. Specific Provisions

§ 25 Scope of Study

- (1) The entire scope of the student workload required for the successful completion of the Master's degree course in Meteorology corresponds to 120 credits. This total number of credits includes the credits awarded for seminar/lecture hours, private study hours, pre-examination achievements and examinations. One credit is equivalent to a student workload of 30 hours.
- (2) A total of 60 credits will be achieved in each year of study and will be awarded for passed module examinations.

§ 26 Subject Matter, Type and Scope of the Master's Examination

- (1) The Master's examination is comprised of the examinations for the modules listed in the appendix and the Master's thesis.
- (2) The study programme is structured as follows:
A total of 120 credits are awarded in the Master's degree course, 110 credits of which are allocated to the core subject including 30 credits for

the Master's thesis. The free elective area (WB) comprises 10 credits according to paragraph 3.

- (3) For the free elective area, two further modules can be selected from the meteorological elective courses of the M. Sc. Meteorology (A1 to A7; T1 to T6; E1 to E5). Modules offered in other courses of study can be taken according to cooperation agreements. Further modules can be approved by the Examination Board upon request.
- (4) The following modules are compulsory modules:
 - “P1 - Dynamics and Synoptics” (12-111-1001),
 - “P2 - Atmospheric Radiation” (12-111-1019),
 - “P3 - Advanced Weather Discussions” (12-111-1020),
 - “P4 - Dynamics of the Global Climate System” (12-111-1021),
 - “P5 - Current Research in Meteorology” (12-111-1022),
 - “P6 - Advanced Scientific Working in Meteorology” (12-111-1023).
- (5) Two of the following modules with a total capacity of 10 credits must be selected (elective area – general meteorology):
 - “A1 - Atmospheric Aerosol” (12-111-1024),
 - “A2 - Atmospheric Chemistry - The Multiphase System” (12-111-1025),
 - “A3 - Numerical Weather Prediction and Climate Modelling” (12-111-1026),
 - “A4 - Polar Climate” (12-111-1043),
 - “A5 - Cloud Physics” (12-111-1028),
 - “A6 - Dust in the Atmosphere” (12-111-1042),
 - “A7 - Atmospheric Trace Substances and their Modelling” (12-111-1041).
- (6) Two of the following modules with a total capacity of 10 credits must be selected (elective area – theoretical meteorology):
 - “T1 - Dynamics of the Middle Atmosphere” (12-111-1029),
 - “T2 - Atmospheric Models: Parameterizations and Scales” (12-111-1031),
 - “T3 - Radiative Transfer Lab” (12-111-1040),
 - “T4 - Scattering and Atmospheric Optics” (12-111-1032),
 - “T5 - Terrestrial Radiative Transfer” (12-111-1033),
 - “T6 - Data Assimilation” (12-111-1034).

(7) Two of the following modules with a total capacity of 10 credits must be selected (elective area – experimental meteorology):

- “E1 - Airborne Physical Measuring Methods” (12-111-1035),
- “E2 - Ground-based Radar and Microwave Remote Sensing” (12-111-1036),
- “E3 - Upper Atmosphere” (12-111-1037),
- “E4 - Active Remote Sensing with Lidar” (12-111-1038),
- “E5 - Spaceborne Remote Sensing” (12-111-1039).

(8) One module with a capacity of 8 credits must be selected (elective area – physics), either from this list of modules from the German Bachelor's programme Physik:

- “Experimentalphysik 3 – Optik und Quantenphysik” (12-PHY-BPEP3),
- “Experimentalphysik 4 – Struktur der Materie” (12-PHY-BPEP4),
- „Experimentalphysik 5 – Festkörperphysik” (12-PHY-BEP5),
- “Theoretische Physik 1 – Theoretische Mechanik” (12-PHY-BTP1),
- „Theoretische Physik 2 – Quantenmechanik” (12-PHY-BTP2),
- „Theoretische Physik 3 – Statistische Physik” (12-PHY-BTP3),
- „Theoretische Physik 4 – Elektrodynamik & klassische Feldtheorie” (12-PHY-BTP4),

or from this list of modules from the English Bachelor's programme Physik im International Physics Studies Program (IPSP):

- “Experimentalphysik 3 – Elektromagnetische Wellen und Grundlagen der Quantenphysik” (12-PHY-BIEP3),
- “Theoretische Physik 1 – Klassische Mechanik 1” (12-PHY-BIPTP1)*,
- “Theoretische Physik 2 – Elektrodynamik 1” (12-PHY-BIPTP2)*,
- “Theoretische Physik 4 – Quantenmechanik” (12-PHY-BIPTP4),
- “Theoretische Physik 5 – Statistische Physik” (12-PHY-BIPTP5).

* Students who have already completed the module “Mathematische Methoden - Methoden der klassischen Physik” (12-PHY-BMAME1) in the Bachelor's program cannot select the modules “Theoretische Physik 1 - Klassische Mechanik 1” (12-PHY-BIPTP1) and “Theoretische Physik 2 - Elektrodynamik 1” (12-PHY-BIPTP2).

(9) Modules that have already been taken in the Bachelor's programme are excluded.

- (10) Regulations for the modules and module examinations of the elective area of physics and the free elective area can be found in the examination and study regulations of the study programmes from which these modules are taken or in the descriptions offered by the respective faculties.
- (11) Study and examination achievements are to be made in English. Notwithstanding sentence 1, study and examination achievements may also be required to be completed in German in the elective area of physics and in the free elective area according to paragraph 10.

§ 27

Master's Degree

After the examination candidate has passed the Master's examination, he/she will be awarded the academic degree of “Master of Science” (M.Sc.) by the Faculty of Physics and Earth Sciences.

§ 28

Legal Validity and Publication

- (1) These Examination Regulations will come into force on 1st October 2020. They apply to all students enrolled in the Master's programme in Meteorology (until 30th September 2020: Master's programme Meteorologie) and will be published in the Official Bulletins of Leipzig University. At the same time, the Examination Regulations of the Master's degree course in Meteorologie of 10th April 2013 (Official Bulletins of Leipzig University, No. 28, pages 1 to 29) last amended by the Third Modified Examination Regulations of 25th January 2019 (Official Bulletins of Leipzig University, No. 3, pages 4 to 21) will go out of force.
- (2) For students who, at the time at which these Examination Regulations come into force, have already completed or are registered for all modules according to § 26 paragraph 1 of the Examination Regulations of the Master's programme Meteorologie from 10th April 2013 (Official Bulletins of Leipzig University, No. 28, pages 1 to 29) last amended by the Third Modified Examination Regulations of 25th January 2019 (Official Bulletins of Leipzig University, No. 3, pages 4 to 21) the Study Regulations of the Master's programme Meteorologie from 10th April 2013 (Official Bulletins of Leipzig University, No. 28, pages 30 to 43)

last amended by the Third Modified Study Regulations of 25th January 2019 (Official Bulletins of Leipzig University, No. 3, pages 22 to 34) remain valid.

- (3) The Examination Regulations were resolved by the Faculty Board of the Faculty of Physics and Earth Sciences on 24th February 2020. They were approved by the Rectorate on 2nd April 2020.
- (4) Module examinations of this Master's programme that were failed before these Examination Regulations came into force, must be repeated according to the examination regulations in the version valid at the time of registration for the module examination.

Leipzig, Germany, ...

Professor Dr med. Beate A. Schücking
Rector

The official version of these Examination Regulations will be found in due time in the Official Bulletins of Leipzig University:

https://amb.uni-leipzig.de/?kat_id=160_blank

An English translation of the course program and the module descriptions including details of the exams und pre-examination requirements is given in a separate document. The official versions of the course programme, the module overview table, the module descriptions and the examination table will be found in due time in the Official Bulletins of Leipzig University:

https://amb.uni-leipzig.de/?kat_id=285