Fourth set of amendments to the revised version of the joint examination requirements for the parallel-study bachelor’s and master’s programmes offered by the Faculties of Education and Social Sciences (FK I), Computer Science, Economics, and Law (FK II), and Mathematics and Natural Sciences (FK V) of the Carl von Ossietzky University of Oldenburg

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Unofficial version
Valid for students beginning their studies in the winter semester 2018/2019

By decision of the Faculty Boards of the Faculties of Education and Social Sciences (FK I), Computer Science, Economics, and Law (FK II), Mathematics and Natural Sciences (FK V) of the Carl von Ossietzky University of Oldenburg, the following amendments to the joint examination regulations of 05/09/2014 (official bulletin of the Carl von Ossietzky University of Oldenburg 3/2014, p. 267 ff.) were issued for the parallel-study bachelor’s and master’s programmes offered by the Carl von Ossietzky University of Oldenburg. These amendments were approved by the Praesidium on 15/08/2017.

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§ 1 Programme objectives

(1) The objective of the bachelor’s programme is to provide students with the specific knowledge, expertise, and methods needed in the context of professional activity to perform scientific work, make scientifically justified decisions, engage in critical analysis of scientific knowledge, and act responsibly. Thus, students shall be adequately qualified either for subsequent master’s studies or for professional employment in the relevant fields. Additionally, students shall develop the skills needed to present the content of their studies in a manner appropriate to both the subject matter and their audience.

(2) The objective of the master’s programme is to provide a more advanced professional qualification after the successful completion of a first degree. The examinations of this programme shall require candidates to demonstrate a high level of technical and scientific expertise in accordance with the expectations of a master’s level in the relevant field. Students shall develop the skills needed to independently perform practically oriented scientific work. They shall be able to establish scientific findings both independently and collaboratively, recognize the significance of their findings, and exploit these findings for the benefit of society or their professional activities. Students shall possess a detailed and critically nuanced understanding of the latest scientific advancements and shall be able to develop solutions to previously unsolved scientific and practical challenges.

(3) The specific study objectives of each programme are stated in Appendices 5 to 10.

§ 2 Purpose of examinations

(1) The professional qualification awarded by each bachelor’s or master’s programme is structured into a collection of module examinations associated with the programme. The requirements of these examinations ensure that the necessary educational standards are met in terms of the duration and content of studies; these requirements are designed to reflect the demands of professional activity.

(2) The set of module examinations associated with each degree programme shall be considered in its entirety to determine whether each candidate is able to apply scientific methods and knowledge and has acquired the competencies needed for a successful transition into professional practice or further academic studies after the conclusion of the programme.

§ 3 University degree

(1) Upon successful completion of the bachelor’s examinations, the relevant Faculty of Education and Social Sciences (FK I), Computer Science, Economics, and Law (FK II), or Mathematics and Natural Sciences (FK V) shall award the university degree Bachelor of Arts (B.A.) to the candidate on behalf of the Carl von Ossietzky University of Oldenburg. Further details are given in the specific appendices of each programme. The bachelor’s diploma shall be issued to the date stated on the transcript. The diploma shall also be issued in English on request.

(2) Upon successful completion of the master’s examinations, the relevant Faculty of Education and Social Sciences (FK I), Computer Science, Economics, and Law (FK II), or Mathematics and Natural Sciences (FK V) shall award the university degree Master of Arts, Master of Laws, Master of Business Administration, or Master of Science to the candidate on behalf of the Carl von Ossietzky University of Oldenburg. Further details are given in the specific appendices of each programme. The master’s diploma shall be issued to the date stated on the transcript. The diploma shall also be issued in English on request. For courses conducted in English, the diploma shall always be issued in English.

§ 4 Duration, scope, and organization of studies

(1) The duration of studies for each bachelor’s or master’s programme is regulated by Section 3 of the specific appendix of that programme.

(2) The subjects offered and examination requirements must be organized in such a way as to allow students to complete their requirements in parallel to their studies over the course of the standard period of study.

§ 5 Examination Board

(1) Faculties I, II, and V shall establish a joint Examination Board to oversee the organization of examinations and fulfil the responsibilities established by the provisions of this document. The members and alternates of the Examination Board shall be elected by the Faculty Boards of each participating faculty. The Examination Board must include lecturers from each parallel-study programme offered by Faculties I, II, and V for which the joint Examination Board is responsible. The Centre for Lifelong Learning shall coordinate a proposed composition of the Board with each participating faculty and submit this proposal to the relevant Faculty Boards.

(2) The joint Examination Board shall be composed of eleven voting members: seven members from the
group of university lecturers, two members from the group of university staff with active teaching responsibilities, and two members from the group of students. The three Faculty Boards may extend this list by additional members from the group of university staff or students from the relevant parallel-study programmes; these additional members shall have an advisory vote. The Centre for Lifelong Learning may likewise appoint additional members with an advisory vote. The student members shall only have an advisory vote in matters relating to the evaluation and crediting of examination requirements.

(3) The Chair of the Examination Board must be elected from the group of university lecturers. The Deputy Chair may be elected from the group of university staff.

(4) The Examination Board shall oversee the execution of the examinations of each subject or module associated with the programmes for which it is responsible. The Examination Board shall ensure that the relevant statutory provisions of the Higher Education Act of Lower Saxony are observed, as well as the provisions established in this document. The Centre for Lifelong Learning shall organize the examination procedures according to the specifications of this document and is furthermore responsible for keeping examination records.

(5) The decisions of the Examination Board shall be passed by simple majority of votes cast; abstentions shall be considered equivalent to uncast votes. The quorum of the Examination Board is met if a majority of its members are present, necessarily including at least two members from the group of university lecturers and either the Chair or Deputy Chair.

(6) The student members of the Examination Board shall have a term of one year; the other members of the Examination Board shall have a term of two years.

(7) The Examination Board is entitled to adopt its own rules of procedure. Minutes must be kept of any meetings conducted. These minutes must record the key topics of the discussion and any resolutions decided by the Examination Board.

(8) The Examination Board may delegate its authority to the Chair or Deputy Chair and revoke this authority at any time. The Centre for Lifelong Learning shall assist the Chair with all administrative procedures created by these examination regulations. For matters relating to credit recognition for past studies and examination requirements (see §7) and the issuing of final thesis topics (see §21), the Examination Board may delegate its authority to its members (subject representatives) and revoke this authority at any time.

(9) The members of the Examination Board have the right to attend any examinations associated with a parallel-study bachelor’s or master’s programme in an observational capacity.

(10) The Examination Board may publish any decisions and other measures undertaken in accordance with these examination regulations in the relevant university circles, including but not limited to registration and examination dates and deadlines. The relevant data protection regulations must be observed.

§ 6
Examiners and assessors

(1) The module examinations shall be administered by the teaching staff and associates of this university or another university responsible for the relevant subjects. Any professor, junior professor, scientific or artistic research associate, special teacher, contract teacher, or lecturer may be appointed as an examiner. Other persons with the relevant experience in professional practice and training may also be appointed as examiners. Finally, professors currently in retirement or on leave of absence may also administer examinations.

(2) The authority to administer module examinations or subjects is awarded by the relevant Faculty Board. Students shall be informed of their examiners in the description of each module.

(3) Only persons who themselves possess either the qualification awarded by the examination or some other equivalent qualification are eligible to be appointed as examiners.

(4) For oral examinations, assessors may additionally be appointed; assessors may not decide grades or ask questions. Assessors must themselves possess either the qualification awarded by the examination or some other equivalent qualification.

(5) Module examinations are typically graded by a single examiner.

§ 7
Recognition of credit by equivalence for past studies and examination requirements
(1) Any past periods of study, including practical internships and examination requirements, completed as part of the same programme or an equivalent programme at a university or equivalent higher education institution in Germany or the European Higher Education Area shall be recognized for credit without requiring any special equivalence procedure.

(2) Any past periods of study, including practical internships and examination requirements, completed as part of another programme may be recognized for credit upon request by the student, provided that no material differences exist between the acquired competencies. Decisions relating to credit recognition shall be based on a global comparison. This credit recognition process shall include an evaluation of the level and learning outcomes. Any material differences must be justified by the university. The documents required for this evaluation must be submitted in either German or English by the students. Recommendations and opinions may be requested from the Central Office for Foreign Education to clarify any factual or legal questions. Any specific credit recognition arrangements with foreign universities are unaffected by this procedure.

(3) Competencies acquired from prior education, training, or professional experience may be recognized for credit, provided that their content and level is predominantly equivalent to the content and level of the module examinations of the programme and equivalence has been established for the areas of the programme relevant to the recognition process. Credit may also be awarded in overall recognition of a combination of education and training qualifications if equivalence is ascertained. A maximum of 50 percent of the credit points of any degree programme may be recognized by equivalence in this fashion. If insufficient documentation is available to substantiate past qualifications, a knowledge test may be requested.

(4) The grades and credits of examination requirements recognized by equivalence shall be derived from the corresponding grades and credits of the original qualifications. If the scope or scale of the grading scheme differs, the Examination Board may specify a conversion scheme. If the grading systems are incompatible, the grade shall be recorded as “passed” by default. Examination requirements recognized by equivalence shall be identified as such in the transcript.

(5) Examination requirements that have already been successfully completed as part of the programme cannot be used to gain duplicate credit by an equivalence process.

(6) Further details are given in the specific appendices of each programme (see Section 5 of Appendices 5 to 10).

§ 8

Registration for modules and module examinations

(1) Any student matriculated at the Carl von Ossietzky University of Oldenburg is entitled to register for any of the modules associated with the corresponding parallel-study bachelor’s or master’s programme, provided that none of the grounds for exclusion listed in §20(3) no. 3 exist. Any student who registers for a module is entitled to be admitted to the examinations associated with that module.

(2) Students may withdraw from an examination without justification until two weeks before the date of the examination by contacting the Centre for Lifelong Learning. Withdrawal from an examination in the two weeks leading up to the examination date is only permissible if compelling reasons are given.

(3) Each module includes at least one examination. Examinations shall be conducted in parallel to studies and shall be organized according to the specific requirements of the module.

(4) Any student who registers for a module must pay the fees specified in the latest applicable version of the Fee and Payment Regulations of the Carl von Ossietzky University of Oldenburg. Any payment arrangements shall be governed by the aforementioned regulations.

§ 9

Form and content of modules

(1) The programme-specific appendices of these examination regulations specify the nature and quantity of the modules offered as compulsory and elective modules.

(2) A module description shall be provided for each module when the available subjects are announced.

§ 10

Types of module examination

(1) The nature, quantity, and scope of the module examinations associated with each bachelor’s and master’s programme are specified in the programme-specific appendices (see Section 6 of Appendices 5 to 10).

(2) If a student provides evidence that he or she is fully or partially unable to complete the module examinations in the prescribed form due to prolonged illness or disability, maternity rights, or duty of care for close relatives or the student’s own child, the Examination Board shall allow him or her to complete the examinations in an equivalent form or with an extended deadline. The presentation of a medical certificate may be requested.
(3) When submitting written work to fulfil an examination requirement, each student must declare in writing that he or she drafted and prepared this work independently without the use of any sources or resources other than those properly cited, and in accordance with the general principles of scientific research and publication, such as the principles outlined in the guidelines for good scientific practice published by the Carl von Ossietzky University of Oldenburg.

§ 11
Credit points

(1) Credit points shall be awarded for successfully completed module examinations. Credit points are designed to reflect the average workload required in order to pass the requirements of the module examinations. One credit point is equivalent to 30 hours of workload. The distribution of credit points over the module examinations and the bachelor’s or master’s thesis is specified in the programme-specific appendices.

(2) The Centre for Lifelong Learning keeps a record of the credit points acquired by each student. Students may request access to their current credit point records as part of their organizational and data protection rights.

§ 12
Grading of module examinations and the bachelor’s or master’s thesis

(1) The module examinations/module subtests and the bachelor’s or master’s thesis shall be evaluated and graded as described in (2). A module examination is considered passed if every sub-requirement has been completed with the grade “sufficient” or higher. Grading must be concluded by the examiners within four weeks; the grades must be communicated to the Centre for Lifelong Learning. Some module examination requirements or module sub-requirements may not be graded; see the programme-specific appendices for details. If an examination requirement is not graded, it will simply be recorded as either “passed” or “failed”. The final thesis shall always be graded.

(2) Grading shall be performed according to the following scheme:

- 1 = very good
  - excellent performance, performance significantly above average requirements,
- 2 = good
  - performance meets the average requirements in every respect,
- 3 = satisfactory

4 = sufficient
- performance meets the minimum requirements despite deficiencies,
- 5 = failed
- performance does not meet the requirements due to significant deficiencies.

These grades can be increased or decreased by 0.3 points to give a more differentiated evaluation; however, the grades of 0.7, 4.3, 4.7, and 5.3 may not be awarded.

(3) If the module examination is structured into multiple sub-requirements, the overall grade awarded for the examination is calculated as the weighted arithmetic mean of the grades of each successfully completed sub-requirement. The previous sentence also applies to examinations graded by multiple examiners.

Averaged grades shall apply the following cut-off points:

- for averages less than or equal to 1.50 very good,
- for averages above 1.50 but less than or equal to 2.50 good,
- for averages above 2.50 but less than or equal to 3.50 satisfactory,
- for averages above 3.50 but less than or equal to 4.00 sufficient,
- for averages above 4.00 insufficient.

When calculating the grade according to the first sentence of this provision, only the first two places after the decimal point are considered; all other digits are truncated without rounding.

(4) The overall grade awarded for the bachelor’s or master’s examination shall be calculated as the arithmetic mean of the grades awarded for each module and the grade awarded for the bachelor’s or master’s thesis, weighted by credit points.

(5) Any student who achieves an overall grade between 1.00 and 1.20 shall be granted the additional mention “passed with distinction”.

(6) The absolute grade described above shall be supplemented by an ECTS grade (European Credit Transfer and Accumulation System), which gives a relative evaluation of the grade. The ECTS grade describes the individual performance of each student in relation to the performance of other students who attended the same programme. The following ECTS grades shall be awarded to the students who successfully pass their programme:

- A for the top 10%,
- B for the next 25%,
- C for the next 30%,
- D for the next 25%,
The ECTS grade of the programme is calculated from the grades achieved by all students over the six semesters (cohort) leading up to the date of the degree. The ECTS grade is only issued if this cohort includes at least 25 graduates.

§ 13
Absence, withdrawal, deceit

(1) An examination requirement is considered "failed" if any of the following occur without compelling grounds:

1. the student is absent on the date of the examination,
2. the student withdraws from the examination after it has begun,
3. the student does not repeat an examination requirement within the specified deadline.

(2) The Examination Board must be immediately notified in writing of any grounds for withdrawal or absence, and evidence to credibly substantiate them must be provided; failure do so shall result in the relevant examination requirement being graded as "failed". Dematriculation or suspension do not constitute compelling grounds for any of the above circumstances. A medical certificate must be provided in the event of illness. If the grounds for withdrawal or absence are recognized as compelling, a new date shall be chosen for the examination, typically the usual examination date of the next cycle. Any examination requirements that have already been passed shall then be credited as usual.

(3) If a student attempts to influence the result of his module examination by deceit or the use of unauthorized assistance, the relevant examination requirement shall be automatically considered "failed". Any student who disturbs the proper conduct of an examination may be excluded from the continuation of the examination; if this occurs, the relevant examination requirement shall be considered "failed". Before the Examination Board issues a decision pursuant to either of the previous two sentences, the student must be given the opportunity to make a statement. Until the Examination Board has issued a decision, the student shall continue the examination, unless provisional exclusion of the student is judged indispensable for the proper continuation of the examination by the responsible supervisor. The Examination Board may decide that a module in which the deceit was performed or attempted may be repeated and may limit the number of admissible repetitions, taking precedence over §14 of these regulations if necessary. In the event of serious or repeated deceit, the Examination Board has the authority to exclude the student from the continuation of examination procedures. In cases of repeated deceit, the student shall typically be barred from the continuation of examination procedures. If this occurs, the bachelor’s or master’s examinations of the corresponding programme shall be considered definitively failed.

(4) For written work submitted to fulfil an examination requirement, the corresponding requirement shall be deemed “failed” if a deadline specified in writing is missed. Sentences 1 to 4 of (2) apply accordingly. In cases where the deadline cannot be met for compelling reasons, the Examination Board shall decide whether the deadline should be postponed accordingly or whether an equivalent alternative assignment should be set, considering the principles of equal opportunity and scientific performance to supersede the necessity of observing procedural regulations.

§ 14
Repetition of module examinations

(1) Failed module examinations may be repeated twice. The form of a repeated module examination may differ the original examination if compelling reasons to do so are presented and substantiated, subject to the approval of the examiners. If a student receives the grade "failed" on the second repetition of an examination requirement associated with a compulsory module, or the examination is considered "failed" for reasons outlined elsewhere, the bachelor’s or master’s examinations of the corresponding programme shall be considered definitively failed. Any examination requirement whose failure would lead to the definitive failure of a module must be administered by two lecturers duly authorized to do so according to §6 of these regulations.

(2) The first repetition of an examination can typically be completed in the same semester as the original examination and must necessarily be completed within 10 weeks of the announcement of examination results at the latest. Additional repetitions must be completed during the subsequent academic year at the latest. Students may request to withdraw from a failed examination in an elective module without justification.

(3) If a student fails the first repetition of an examination, he or she has the right to consult with a student counsellor affiliated with the programme.

(4) Module examinations may only be repeated if failed.

(5) Any unsuccessful attempts to fulfil an examination requirement in a related programme or in the same subject at another university or equivalent higher education institution in Germany or the European Higher Education Area shall be subtracted from the number of repetitions available to the student as
specified in (1). The same applies to any unsuccessful attempt to complete an examination requirement for the same compulsory module as part of a different programme at the University of Oldenburg.

§ 15 Transcript and certificates

(1) A transcript shall be issued immediately once the bachelor’s or master’s examinations are passed (Appendices 2 and 4). The transcript shall be dated to the day on which the last examination was passed. The transcript will be accompanied by a diploma supplement. It may also be issued in English on request.

(2) If the bachelor’s or master’s examinations are definitively failed, the Chair of the Examination Board must notify the student in writing.

(3) If a student leaves the university or changes programmes, a certificate may be issued on request detailing the completed examination requirements and grades awarded for them, as well as any credit points acquired. In the event of (2), this certificate shall be issued without request; this certificate shall list the missing examination requirements and shall include a statement indicating that the bachelor’s or master’s examinations were definitively failed.

§ 16 Retroactive invalidation of examinations

(1) If an examination was passed by deceit that is only discovered after the transcript has been issued, the Examination Board may retroactively adjust the grades of the examination requirements for which the student engaged in deceit and declare the examination fully or partially “failed”. The provisions of §13(3) apply accordingly.

(2) If the prerequisites for registration to an examination were not fulfilled, without attempted deceit on the part of the student, and this fact only becomes known after the transcript has been issued, then the successful completion of the examination shall be considered a sufficient remedy to the irregularity. If the wrongful registration was the result of wilful deceit by the student, the Examination Board may decide appropriate action in accordance with any applicable legal provisions relating to the withdrawal of illegitimate administrative acts.

(3) The student shall be given the opportunity to discuss any such matters with the Examination Board before a decision is issued.

(4) The incorrect examination transcript shall be withdrawn and replaced by the correct transcript or certificate; if necessary, the relevant examinations must be repeated. The bachelor’s or master’s diploma shall also be withdrawn together with the incorrect examination transcript in the event that one of the examinations passed by the student is retroactively declared “failed” due to deceit. Any decisions under (1) are excluded once a period of five years has elapsed from the date of issuance of the examination transcript.

§ 17 Access to examination records

Students shall be granted access to the written examination papers, the comments of the examiners, and the examination records on request once the module examinations have concluded. Any such request must be submitted to the Examination Board at latest one year after the grades of the examination are announced, the examination transcript is issued, or the notice of definitive failure is received.

§ 18 Objection procedures

(1) Students must be notified of any rejections or other unfavourable administrative resolutions decided in accordance with these examination regulations as required by §41 of the Administrative Procedures Act (VwVfG). Students may submit an objection to the Examination Board regarding the grading of an examination within one month of receipt of the decision in accordance with §§68ff. of the Administrative Procedures Code (VwGO).

(2) The Examination Board is responsible for deciding whether to accept the objection.

(3) Before making a decision, the Examination Board shall communicate the objection to the relevant examiner for review. If the examiner revises the grade awarded, the Examination Board shall accept the objection and enact a remedy. Otherwise, the Examination Board shall review the examiner’s decision, taking note of any statements submitted by the examiner, and shall in particular investigate the following aspects:

1. whether the examination procedures unfolded properly,

2. whether the grade was based on factually incorrect assumptions,

3. whether the generally applicable principles of good grading practice were observed,

4. whether an acceptable solution that was coherently substantiated by compelling arguments was graded as incorrect

5. whether the examiner made decisions based on irrelevant considerations.
A similar procedure shall be followed if the objection relates to a grade awarded by multiple examiners.

(4) A decision regarding the objection must be issued within three months. If the Examination Board does not remedy the objection or the conditions required for regrading or resitting the examination requirements are not met, the relevant Faculty Board shall decide the objection. Under no circumstances may an objection procedure result in a lower grade.

§ 19
Scope of bachelor’s or master’s examinations

(1) The bachelor’s or master’s examinations are divided into the module examinations of the programme and the bachelor’s or master’s degree module.

§ 20
Registration for the bachelor’s or master’s thesis

(1) Eligibility to register for the bachelor’s or master’s thesis is regulated by the programme-specific appendices (see Section 7 of Appendices 5 to 10).

(2) The following documents must be submitted with the application to register for the bachelor’s or master’s thesis:

   a) a proposal for the topic of the thesis,
   b) a proposal for the two examiners,
   c) a statement clarifying whether the student has ever definitively failed any bachelor’s or master’s examinations or parts of any such examinations or other examinations in the selected subjects at any university or equivalent higher education institution in Germany or any other country in the European Higher Education Area, or whether the student is currently participating in any ongoing examination procedures.

(3) The Examination Board is responsible for deciding whether to accept registration. Registration shall be denied if:

   1. the eligibility requirements are not met, or
   2. the documents submitted are incomplete or,
   3. bachelor’s or master’s examinations or other examinations in one of the selected subjects of this same programme were ever definitively failed at any university or equivalent higher education institution in Germany or any other country in the European Higher Education Area.

§ 21
Bachelor’s or master’s thesis

(1) The purpose of the bachelor’s or master’s thesis is to demonstrate that the student is capable of working independently on a problem from one of the selected subjects using scientific methods and subject to time constraints. The topic and scope of the bachelor’s or master’s thesis must adequately reflect the purpose of the examinations (§2(1), §2(3)) and must be conducted within the timeframe specified in (5). The nature of the assignment and the scope of the thesis must be fixed when the topic is issued. The bachelor’s or master’s thesis may be completed in a group format (max. three persons) unless this is prohibited by the programme-specific appendices.

(2) The topic of the bachelor’s or master’s thesis may be selected by any examiner as defined in §6 of these regulations (the first reviewer). The reviewers must meet the following criteria:

   a) The reviewers must have active teaching responsibilities in the relevant programme.
   b) At least one reviewer must be a professor who is currently active, retired, or on leave of absence.
   c) At least one reviewer must be a member of the group of lecturers or university staff at the University of Oldenburg or a professor in retirement or on leave of absence affiliated with the University of Oldenburg.

(3) The topic shall be selected by the first reviewer after consulting with the student and communicated to the Examination Board. The topic shall then be issued by the subject representative of the Examination Board; every issued topic shall be recorded. Once the topic has been issued, the first and second reviewers shall be appointed. During the preparation of the thesis, the student shall be supervised by the first reviewer.

(4) If requested by the student, subject to the approval of the first and second reviewers, the bachelor’s or master’s thesis may be written in English or any other foreign language.

(5) The scope, workload, and submission deadline of the bachelor’s or master’s thesis are regulated by the programme-specific appendices. The topic may be returned once within the first six weeks without justification. Topics may only be returned at a later point if a compelling reason to do so is given.

(6) When submitting the bachelor’s or master’s thesis, the student must declare in writing that the thesis
was prepared independently without the use of any other sources or resources than those properly cited, and that the general principles of good practice in scientific research and publications, such as those established in the Guidelines for good scientific practice by the Carl von Ossietzky University of Oldenburg, have been observed.

(7) Three copies of the bachelor’s or master’s thesis must be submitted by the deadline to the Centre for Lifelong Learning; the date of submission shall be recorded.

(8) The thesis shall typically be graded by both reviewers within six weeks of its submission. Grading shall be conducted in accordance with §12(3) and §12(4). A written justification of the grade must be provided; this should explain the key considerations in the grading decision. These written comments shall be archived in the examination records together with the final thesis. The bachelor’s or master’s thesis is passed if both examiners award a grade of “sufficient” or better. The overall grade of the bachelor’s or master’s thesis shall be calculated as the arithmetic mean of the grades awarded by each reviewer and rounded as specified in §12(3).

§ 22 Repetition of the bachelor’s or master’s thesis

(1) The bachelor’s or master’s thesis may be repeated once if graded as “failed” or considered graded as “failed” for reasons outlined elsewhere. The thesis may not be repeated twice. When repeating the bachelor’s or master’s thesis, the topic may only be returned if this option was not already used during the first attempt. The provisions of the third sentence of §14(1) apply accordingly.

(2) The new topic of the bachelor’s or master’s thesis must be issued within a reasonable timeframe, usually within three months of the grading of the first thesis.

§ 23 Final grade

(1) The number of credit points required to pass the bachelor’s or master’s examinations is specified in the programme-specific appendices.

(2) Students may choose to complete an additional examination other than the elective modules extending beyond the maximum scope of their programme (additional examination). The results of the additional examination may be included on the transcript by request but shall not be taken into consideration when calculating the final grade.

§ 24 Transitional regulations

Students who are currently completing their second semester or higher at the time of entry into effect of these regulations shall be examined according to the regulations which currently apply to them. Upon request and subject to the approval of the Examination Board, any such students may be examined in accordance with the new regulations.

Important notice:
Transitional regulations and entry into effect of the first set of amendments to the regulations for the winter semester 2015/2016

(1) These amendments shall enter into effect once approved by the Praesidium on the day after their publication in the official bulletin of the Carl von Ossietzky University of Oldenburg.

(2) Students who are currently completing their second semester or higher at the time of entry into effect of these amendments shall be examined according to the regulations which currently apply to them. Upon request and subject to the approval of the Examination Board, any such students may be examined according to the amended regulations.

(3) Students who are currently completing their second or higher semester at the time of entry into effect of these amendments and who are attending modules newly added to the programme-specific appendix may have these modules count towards their elective module requirements.

(4) Any Examination Board formed after the entry of effect of these amendments shall additionally take on the duties of an Examination Board formed prior to these amendments as specified in §5.

Important notice:
Transitional regulations and entry into effect of the second set of amendments to the regulations for the winter semester 2016/2017

(1) These amendments shall enter into effect once approved by the Praesidium on the day after their publication in the official bulletin of the Carl von Ossietzky University of Oldenburg for the winter semester 2016/17.

(2) Students who are currently completing their second semester or higher at the time of entry into effect of these amendments shall be examined according to the new regulations. Upon request and subject to the approval of the Examination Board, any such students may be examined according to the regulations which currently apply to them.
(3) As an exception to (2), students of the master’s programme Innovation Management (M.A.) who are currently completing their second semester or higher at the time of entry into effect of these amendments shall be examined according to the regulations which currently apply to them. Upon request and subject to the approval of the Examination Board, any such students may be examined according to the new regulations.

(4) Students who are currently completing their second or higher semester at the time of entry into effect of these amendments and who are attending modules newly added to the programme-specific appendix may have these modules count towards their elective module requirements.

(5) Any Examination Board formed after the entry of effect of these amendments shall additionally take on the duties of an Examination Board formed prior to these amendments as specified in §5.

Important notice:
Transitional regulations and entry into effect of the third set of amendments to the regulations for the winter semester 2017/2018

(1) These amendments shall enter into effect once approved by the Praesidium on the day after their publication in the official bulletin of the Carl von Ossietzky University of Oldenburg for the winter semester 2017/2018.

(2) Students who are currently completing their second semester or higher at the time of entry into effect of these amendments shall be examined according to the new regulations. Upon request and subject to the approval of the Examination Board, any such students may be examined according to the regulations which currently apply to them.

(3) As an exception to (2), students of the master’s programme Innovation Management (M.A.) who are currently completing their second semester or higher at the time of entry into effect of these amendments shall be examined according to the regulations which currently apply to them. Upon request and subject to the approval of the Examination Board, any such students may be examined according to the new regulations.

(4) Students who are currently completing their second or higher semester at the time of entry into effect of these amendments and who are attending modules newly added to the programme-specific appendix may have these modules count towards their elective module requirements.

(5) Any Examination Board formed after the entry of effect of these amendments shall additionally take on the duties of an Examination Board formed prior to these amendments as specified in §5.

Important notice:
Transitional regulations and entry into effect of the fourth set of amendments to the regulations for the winter semester 2018/2019

(1) These amendments shall enter into effect once approved by the Praesidium on the day after their publication in the official bulletin of the Carl von Ossietzky University of Oldenburg for the winter semester 2018/2019.

(2) Students who are currently completing their second semester or higher at the time of entry into effect of these amendments shall be examined according to the new regulations. Upon request and subject to the approval of the Examination Board, any such students may be examined according to the regulations which currently apply to them.

(3) Students who are currently completing their second or higher semester at the time of entry into effect of these amendments and who are attending modules newly added to the programme-specific appendix may have these modules count towards their elective module requirements.

(4) Any Examination Board formed after the entry of effect of these amendments shall additionally take on the duties of an Examination Board formed prior to these amendments as specified in §5.
Anlage 3

Carl von Ossietzky Universität Oldenburg
- Fakultät ...................... -

Masterurkunde

Frau/Herr¹) ..............................................................................................................................................................

geboren am ...................................... in ............................................................................................................

hat den Masterstudiengang ................................................ an der Carl von Ossietzky Universität Oldenburg am 
........................................ mit der Gesamtnote................................................ ² erfolgreich abgeschlossen.

Ihr/Ihm¹) wird der Hochschulgrad

Master of Arts (M.A.)/
Master of Science (M.Sc.)/
Master of Laws (LL.M.)/
Master of Business Administration (MBA)¹

verliehen.

Oldenburg, den .....................

Siegel

........................................

Die Dekanin/der Dekan¹) Die/Der¹) Vorsitzende des Prüfungsausschusses

¹ Nicht Zutreffendes bitte streichen.
² Notenskala: Mit Auszeichnung bestanden, sehr gut, gut, befriedigend, ausreichend
Nicht amtliche Lesefassung

Anlage 3 a

Carl von Ossietzky Universität of Oldenburg

The School of ....................

Diploma

With this diploma the University of Oldenburg awards

Ms./Mr. 1) ...............................................................

born ..................................................

the degree of Master of Arts (M.A.)/Master of Science (M.Sc.)/Master of Laws (LL.M.)/ Master of Business Administration (MBA) 1

The above named student has fulfilled the examination requirements in the Master of Arts/Master of Science/ Master of Business Administration programme in the subject area ................................ with the overall grade ......................... 2

Oldenburg, date issued......................

Official Seal

........................................... ..........................................

The Dean Chair Examination Committee

1) select as applicable
2) grading scheme: With Distinction, Very Good, Good, Satisfactory, Sufficient
Anlage 4

Carl von Ossietzky Universität Oldenburg

- Fakultät .............................. -

Zeugnis

über den erfolgreichen Abschluss des Masterstudiengangs .................................

Frau/Herr\(^1\) .......................................................................................................................................................

geboren am ......................... in .......................................................... ..........................................................

hat den Masterstudiengang ........................................... an der Carl von Ossietzky Universität Oldenburg am
........................................ mit der Gesamtnote ......................................................\(^2\) erfolgreich abgeschlossen.

Die Masterarbeit mit dem Thema ..........................................................................................................................

wurde mit der Note ......................................................... \(^2\) bewertet.

<table>
<thead>
<tr>
<th>Modul</th>
<th>Note(^2)</th>
<th>Kreditpunkte</th>
</tr>
</thead>
<tbody>
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</tr>
</tbody>
</table>

Oldenburg, den .................

Siegel

..............................................................................................................................................................

Die/Der Vorsitzende des Prüfungsausschusses

\(^1\) Nicht Zutreffendes bitte streichen

\(^2\) Notenskala: Mit Auszeichnung bestanden, sehr gut, gut, befriedigend, ausreichend
Anlage 4 a

Carl von Ossietzky Universität Oldenburg
The School of ..................................................................................

Certificate and Academic Record

Ms/Mr .................................................................................................................................
born ........................................ in .................................................................

has successfully completed the Master Programme ........................................at the Carl von Ossietzky University Oldenburg with the overall grade ...........

Subject of Bachelor’s thesis: ...............................................................
Grade of Bachelor’s thesis:: ...........................................................2

<table>
<thead>
<tr>
<th>module</th>
<th>grade</th>
<th>credit points</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Oldenburg, date issued .................

Official Seal

...................................................
Chair Examination Committee

1 select as applicable
2 grading scheme: With Distinction, Very Good, Good, Satisfactory, Sufficient
Appendix 11
Specific appendix for the master’s programme “Renewable Energy Online” for the “Master of Science (M.Sc.)” diploma

1. University degree

After successfully completing the master’s examinations, the degree “Master of Science (M.Sc.)” will be awarded to the candidate by Faculty V – Mathematics and Natural Sciences on behalf of the Carl von Ossietzky University of Oldenburg.

2. Objectives of the study programme

(1) The objective of the study programme is to train skilled employees, providing them with the knowledge and expertise necessary to familiarize themselves with the diverse range of topics and problems encountered in the field of renewable energies so that they may pursue a specialized career. Examples of such topics include planning and development, research, participation in regional and international development organizations, and contributing to the multidisciplinary theme of sustainability in connection with the energy supply systems of the future.

(2) In accordance with the objective of the master’s programme “Renewable Energy Online” stated in (1), graduates of the programme shall possess comprehensive and in-depth knowledge of the energy conversion processes used by renewable energy technologies. This includes a thorough understanding of the modes of operation of complete systems composed of energy converters, storage systems, and consumers. Graduates will be familiar with classical measuring instruments and possess the skills required to conduct measurements and represent, evaluate, and analyse large quantities of data.

(3) Graduates shall possess the skills required to identify and analyse socially and economically relevant questions regarding renewable energy technologies and their sustainability criteria. They shall be capable of working independently in a problem-oriented, scientifically grounded, and conscientious manner on multidisciplinary topics and able to present their results convincingly, with the expertise required for participation in international multidisciplinary workgroups.

(4) Upon completion of studies, graduates shall possess a comprehensive body of knowledge and expertise, enabling a successful career in any of the diverse professions in the field of renewable energy technologies.

3. Duration, scope, and organization of studies

(1) The standard duration of the master’s programme “Renewable Energy Online” is seven semesters, corresponding to 3.5 years of part-time studies. This course is not offered in a full-time format.

(2) The programme includes examination requirements worth a total of 120 credit points.

(3) The programme is divided into core subjects worth 24 credit points and three orientation subjects worth a total of 66 credit points. The remaining 30 credit points are awarded for the compulsory master’s degree module.

4. Curriculum

(1) The core subjects of the programme consist of the following compulsory modules:

<table>
<thead>
<tr>
<th>Module title</th>
<th>Module type</th>
<th>CP</th>
<th>Prerequisite modules</th>
</tr>
</thead>
<tbody>
<tr>
<td>pre600 Renewable Energy Basics</td>
<td>Compulsory</td>
<td>6</td>
<td>none</td>
</tr>
<tr>
<td>pre605 Renewable Energy Laboratories &amp; Excursions</td>
<td>Compulsory</td>
<td>6</td>
<td>none</td>
</tr>
</tbody>
</table>
(2) Students may tailor their studies according to a personal profile by selecting subjects from three orientations. These orientation subjects may be chosen from among the compulsory and elective modules listed in the table below. In each of the categories “Technology Orientation”, “System Orientation”, and “Social Science Orientation”, students must complete every compulsory module and at least one elective module (if available).

<table>
<thead>
<tr>
<th>Module title</th>
<th>Module type</th>
<th>CP</th>
<th>Prerequisite modules</th>
</tr>
</thead>
<tbody>
<tr>
<td>pre610 Introduction to Energy Resources and Systems</td>
<td>Compulsory</td>
<td>6</td>
<td>none</td>
</tr>
<tr>
<td>pre620 Simulation and Laboratory</td>
<td>Compulsory</td>
<td>6</td>
<td>none</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Module title</th>
<th>Module type</th>
<th>CP</th>
<th>Prerequisite modules</th>
</tr>
</thead>
<tbody>
<tr>
<td>pre700 Wind Energy Fundamentals and Wind Farm Design</td>
<td>Compulsory</td>
<td>6</td>
<td>none</td>
</tr>
<tr>
<td>pre701 Design and Simulation of Wind Turbines</td>
<td>Elective</td>
<td>6</td>
<td>Wind Energy Fundamentals and Wind Farm Design</td>
</tr>
<tr>
<td>pre702 Fluid Dynamics</td>
<td>Elective</td>
<td>6</td>
<td>Wind Energy Fundamentals and Wind Farm Design</td>
</tr>
<tr>
<td>pre703 Computational Fluid Dynamics</td>
<td>Elective</td>
<td>6</td>
<td>Wind Energy Fundamentals and Wind Farm Design</td>
</tr>
<tr>
<td>pre710 Basics of Photovoltaics</td>
<td>Compulsory</td>
<td>6</td>
<td>none</td>
</tr>
<tr>
<td>pre711 Solar Resources and Systems</td>
<td>Elective</td>
<td>6</td>
<td>Basics of Photovoltaics</td>
</tr>
<tr>
<td>pre720 Energy Storage</td>
<td>Compulsory</td>
<td>6</td>
<td>none</td>
</tr>
<tr>
<td>Pre730 Selected Technologies of Renewable Energy</td>
<td>Compulsory</td>
<td>6</td>
<td>none</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Module title</th>
<th>Module type</th>
<th>CP</th>
<th>Prerequisite modules</th>
</tr>
</thead>
<tbody>
<tr>
<td>pre770 Grid-Connected and Off-Grid RE Systems</td>
<td>Compulsory</td>
<td>6</td>
<td>none</td>
</tr>
<tr>
<td>pre771 Grid Integration Project</td>
<td>Elective</td>
<td>6</td>
<td>Grid-Connected &amp; Off-Grid RE Systems</td>
</tr>
<tr>
<td>pre772 Off-Grid Electrification Project</td>
<td>Elective</td>
<td>6</td>
<td>Grid-Connected &amp; Off-Grid RE Systems</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Module title</th>
<th>Module type</th>
<th>CP</th>
<th>Prerequisite modules</th>
</tr>
</thead>
<tbody>
<tr>
<td>pre780 Energy and Society</td>
<td>Compulsory</td>
<td>6</td>
<td>none</td>
</tr>
<tr>
<td>pre781 Renewable Energy and Sustainability</td>
<td>Compulsory</td>
<td>6</td>
<td>Energy and Society</td>
</tr>
</tbody>
</table>

(3) The master's degree module is composed of the master's thesis and a final colloquium.
5. Credit recognition

The recognition of previously completed studies and examination requirements is governed by §7 of these regulations.

6. Types of module examination

(1) Each examination requirement except for the master’s thesis shall be completed in parallel to the studies of the corresponding module.

(2) Each module requires the completion of one of the following types of examination in parallel to studies:
   - Written examination (6);
   - Oral examination (7);
   - Presentation of a paper (8);
   - Term paper (9);
   - Practical exercises (10);
   - Presentation (11);
   - Portfolio (12).

(3) Module examinations may be organized by groups. The contributions of each candidate must individually satisfy the criteria of the relevant examination requirements and must be clearly identifiable for individual grading, e.g. by indicating sections, page numbers, or other objective criteria.

(4) The nature of the module examination must adequately reflect the skills acquired during the module. The grade awarded must be justified by citing the primary reasons for any grading decisions.

(5) Full participation is required during the attendance phases of each module. Absences may be approved in exceptional circumstances by the course director. Any approved absence will usually entail (proportionate) additional work to compensate for missed activities (e.g. extra coursework, written feedback on presentations).

(6) Written examinations require the candidate to demonstrate the capacity to work on a given problem using standard methods and limited resources in a supervised setting under time constraints. Written examinations usually last for 90 to 120 minutes.

(7) Oral examinations typically have a duration of between 30 and 45 minutes per candidate. The key items of the examination and the grader’s assessment of the examination requirement must be recorded in a transcript.

(8) A presentation of a paper is composed of:
   a) an independent and in-depth written discussion of a problem relating to the content of the module in 3,000 to 4,000 words, including a review and analysis of the relevant literature;
   b) a presentation of this work and an oral exposition of its findings lasting 15 to 30 minutes followed by a discussion.

(9) A term paper is a self-contained and in-depth written analysis of a subject-specific or multidisciplinary problem assignment in 4,000 to 6,000 words.

<table>
<thead>
<tr>
<th>Module title</th>
<th>Module type</th>
<th>CP</th>
<th>Recommendations for participation</th>
</tr>
</thead>
<tbody>
<tr>
<td>mam Master’s degree module</td>
<td>Compulsory</td>
<td>30</td>
<td>none</td>
</tr>
<tr>
<td>a) Master’s thesis</td>
<td></td>
<td>24</td>
<td>none</td>
</tr>
<tr>
<td>b) Final colloquium</td>
<td></td>
<td>6</td>
<td>none</td>
</tr>
</tbody>
</table>
(10) Practical exercises are a series of practical experiments, exercises, or programming tasks documented by a written report (e.g. experimental report of 3,000 to 4,000 words).

(11) A presentation is an oral talk that presents a state-of-the-art scientific topic using suitable methods and formats. This presentation should usually last from 30 to 45 minutes and is followed by a discussion.

(12) A portfolio is a collection of 2 to 5 items of coursework (including papers (a), brief presentations (b), exercises (c), brief oral tests (d), brief written tests (e), reports (f), reviews (g), learning diaries (h)). The examination formats listed under §6(1) and (2) will never be required as part of a portfolio. The portfolio is graded as a whole.
   a) A position paper is a self-contained written discussion of a subject-specific problem in 500 to 2,000 words.
   b) A brief presentation of a paper is analogous to the full presentation of a paper described in (8) except with a written length of 500 to 2,000 words and a presentation period of 10 to 15 minutes.
   c) Online exercises require students to demonstrate the ability to solve scientific problems using the knowledge and methods learned during the module. Online exercises are published on the online learning environment and must be completed with the specified deadline. The total time required to complete online exercises should generally not exceed 30 hours in total.
   d) Brief oral tests typically last from 10 to 15 minutes per candidate. The key items of the examination and the grader’s evaluation of the examination requirement must be recorded in a transcript.
   e) Brief written tests require the candidate to demonstrate the capacity to work on a given problem using standard methods and limited resources in a supervised setting under time constraints. Brief written tests typically last from 45 to 60 minutes.
   f) An report is a written discussion of a practical experiment in 500 to 2,000 words.
   g) A review is a written discussion evaluating a subject-specific article in 500 to 2,000 words.
   h) A learning diary is an independently managed record of the student's learning progress in 500 to 2,000 words.

(13) Active participation may be considered a prerequisite for module examinations. Some modules apply teaching and learning methods based on dialogue and discussions between teachers and students to convey key components of the target knowledge and expertise. In this context, competency-building and hence achieving the teaching objectives of the module is only possible with regular and active participation from students (cf. the first sentence of §7(4) NHG). Modules for courses that teach content in a practical or illustrative way or primarily by means of dialogue between students and teachers may therefore formally require “active participation” in order to award credit points. Whenever formally required, active participation is not graded. Active participation is defined as regular, documented, and successfully conducted participation in lectures or the relevant teaching arrangements of the module. The criteria for active participation must be transparently established and documented in written form at the beginning of the module by the lecturer in consultation with students; the expected workload should be made clear and should be reasonable in relation to the full scope of the course or module. Forms of active participation can for example include preparing solutions to practical, illustrative, or discussion-oriented exercises, documenting the experiments or practical work conducted during the module, contributing constructively to discussions of seminar papers, or presenting exercises or other work during lectures in the form of a brief report. The lecturer is responsible for deciding whether a given student has met the criteria for active participation.

7. Colloquium and master’s thesis

(1) Students must acquire at least 72 credit points before they are eligible to register for the master’s thesis. Each student must submit an exposé coordinated with the primary reviewer when registering for the master’s thesis. The drafting of the master’s thesis takes place during the master’s degree module.

(2) Each student must submit a written proposal to the Examination Board to register for the master’s thesis.

(3) The timeframe of the master’s thesis is twelve months from the date the topic is issued. The Examination Board may extend this timeframe once by up to 12 weeks in individual cases.

(4) The master’s thesis must have a length of between 60 and 80 pages (DIN A4) with a font size of 12 pts and line spacing of 1.5 lines. The master’s thesis must be written in English. The master’s thesis may not be completed in groups.

(5) Participation in the final colloquium is compulsory.
(6) The final colloquium requires the student to present the findings of his or her master’s thesis, thus demonstrating in a documented manner that he or she is capable of independent work on a subject-relevant multi-disciplinary and problem-oriented topic according to scientific principles and furthermore possesses the skills to present his or her conclusions in a clear and comprehensible manner.

(7) The final colloquium is typically conducted by the reviewers after the submission of the master’s thesis; it should not exceed 60 minutes.

(8) The grade awarded for the master’s degree module is calculated from the grades awarded for the master’s thesis and the final colloquium, weighted by the corresponding number of credit points.

8. Final grade

(1) The candidate is considered to have passed the master’s examination once he or she has acquired 120 credit points. The examination requirements of each of the required modules listed under Section 4 of this appendix, as well as the master’s thesis itself, must have been completed with a grade of “sufficient” (4.0) or higher.

(2) The final grade of the master’s examination is decided by the Examination Board. This process is described in §12.