

EXAMINATION REGULATIONS

for the Postgraduate Programme Renewable Energy (PPRE) with the degree Master of Science (M.Sc.) at Carl von Ossietzky University of Oldenburg

as amended on 12/02/2004

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§ 1 Aims of Studies

The master-programme Water and Coastal Management offers a scientific, more strongly application orientated study on the basis of a bachelor's degree in a specialized technical or interdisciplinary course of studies and/or comparable study achievements at a scientific university. Aim of the programme is to prepare for qualified vocational activity or to put the basis for a graduation. Graduates of the course are enabled to become independently scientifically active in complex fields of research and/or with complex social tasks in an international surrounding field. They can analyze and, in the context of social decision-making processes, work on interdisciplinary questions beyond disciplinary abilities and qualifications. In the process of their study the students acquire comprehensive abilities in the scientifically founded management of seas, coasts and river catchment's areas ashore and the possibilities for the analysis, monitoring and decision support, accompanying with it. With the master study the students acquire the technical, methodical and social authority indispensable for scientific working and for qualified vocational activity. After successful completion of the master study they proved the ability to scientific working and to the solution of complex tasks in the environmental management in a constantly changing vocational field.

§ 2 Purpose of Examinations

Through the module examinations and the concluding disputation it is to be established, whether the student has acquired a thorough specialised knowledge that is necessary for her/his transition into professional practice, whether she/he overviews the technical correlations, is able to successfully put scientific knowledge in the field of the management of seas, coasts and catchments into practice and to work scientifically. The examinations for Master of Science form the professionally qualifying degree of the Postgraduate Programme Water and Coastal Management. The requirements of the examinations ensure the standard of the education with regard to the standard period of study as well as to the latest developments in science and the requirements of professional practice.

§ 3 University Degree

When all examinations have been passed, the Faculty of Mathematics and Science of Carl von Ossietzky University Oldenburg awards the university degree Master of Science (abbreviated: M.Sc.). The Faculty of Mathematics and Science issues a document awarding the university degree (Appendix 1) stating the respective date of the certificate (Appendix 2). An additional English version of the document is issued (Appendix 3).

§ 4 Duration, Part-Time Studies, Range and Structure of Studies

(1) The average period of study amounts up to the graduation to four terms (two academic years). The programme has a total extent of 120 credit-points in accordance with § 13. The first two terms usually take place at the study place

Oldenburg, the third term at the study place Groningen, and the fourth term at one of the two study places mentioned.

(2) Upon request of the student, the study can be completed as a part-time study. With a part-time study the average period of study will be extended; the average period of study of a part-time study amounts to maximum eight terms and/or four academic years. Who completes a part-time study, can acquire in an academic year at most 30 credit-points.

(3) The offered range of modules will be arranged in a way that the students can successfully pass the examinations accompanying their studies and complete and defend their Master Theses by the end of the fourth semester.

(4) The master course is divided into

- three „Case Studies” (each with 6 credit-points), which are usually completed at the beginning of the first specialized term and/or in the process of the first academic year and at the end of the third specialized term;
- a Consolidation Phase in the first academic year (altogether 48 credit-points), which is structured as follows:
 - Modules, which are assigned to the field of activity „Environment“ and impart knowledge and abilities in environmental natural sciences (altogether at least 18 and at most 30 credit-points)
 - Modules, which are assigned to the field of activity „Socio-Economic-System“ and impart knowledge and abilities in social, economical, and planning sciences significant to spatial and environmental management (altogether at least 18 and at most 30 credit-points);
- a Specialisation Phase in the third semester (24 credit-points all in all)
- a Master Thesis including the disputation (30 credit-points).

This arrangement is represented exemplarily in the study course plan (appendix 7)

§ 5 Examining Board

(1) An examining board is formed by members of the Faculty of Mathematics and Science of Carl von Ossietzky University Oldenburg, who organize the examinations and assume the tasks allocated by these examination regulations (also members of other Faculties of the University may belong to the examining board). Five members belong to the examining board, three of them representing the group of professors, one member representing the group of full-time university lecturers and one member representing the group of students. The respective group representatives of the Faculty of Mathematics and Science elect the members of the examining board as well as their permanent deputies. Two members of the Rijksuniversiteit Groningen teaching in the master course of studies Water and Coastal management can join the examining board as advisory members. These members are ordered and sent from the Rijksuniversiteit Groningen. The members of the examining board elect the chairman and deputy chairman. A member of the group of university teachers must have the presidency. For the assessment and consideration of examination performances and pre-performances, the student member acts only as an advisor.

(2) The examining board ensures the implementation of the examinations, taking care that the regulations of the Lower Saxony University Law (NHG) and the

examination regulations are observed. The examining board regularly reports to the Faculty of Mathematics and Science about the development of examinations with particular emphasis on the actual time required for preparing the Master Theses, the keeping of time limits for the course of study and for examinations as well as the distribution of grades. The university has to make the report public in an appropriate way. The examining board is supported by the Academic Examining Authority of the Carl von Ossietzky University Oldenburg, which also keeps the examination files.

(3) The examining board passes its resolutions with a majority of valid votes cast; abstentions are regarded as invalid votes. In case of vote parity, the chairman can make the final decision. The examining board has a quorum when three members, among them the two members of the group of professors, are present.

(4) The term of office is two years for members of the examining board and one year for student members.

(5) The examining board can determine rules of procedure. Minutes are taken of its meetings. The fundamental subjects of discussions and the resolutions of the examining board have to be recorded in the minutes.

(6) The examining board can give authority to the chairperson and the deputy chairperson until this decision is revoked. The chairperson prepares the resolutions of the examining board and carries them out. She/he regularly reports on these activities to the examining board.

(7) The meetings of the examining board are not open to the public. The members of the examining board and their deputies are bound to secrecy. In case they are not employed in the civil service, they have to be bound to secrecy by the chairperson.

(8) The examining board appropriately informs students in writing about the fundamental examination regulations applying to them.

(9) The examining board can decide to make decisions and other measures public, which are connected to these examination regulations, especially entry and examination date, examination deadlines as well as examination results, considering the protection of the privacy of personal data.

§ 6 Examiners

(1) Module examinations are held by members and authorized affiliates of Carl von Ossietzky University Oldenburg or of another university, who are entitled to teach independently in the respective examination subject or in a partial field of the examination subject. The examining board ensures that the examiners are entitled to teach independently in the respective examination subject or in a partial field of the examination subject. Instructors for special tasks as well as in vocational practice and training experienced persons can be ordered to take examinations in suitable test areas. They must at least possess the examination that is determined or an equivalent qualification.

(2) The examiners are ordered by the responsible faculty advice with adoption of the module offer.

The lecturers of a module, which are justified to the examination in accordance with article 1, make module-examination of a module. Usually one examiner evaluates the module examinations.

§ 7 Counting of Study Times and Examination Performances

(1) Study times, practical professional work and examination performances in the same course of studies at a university in the Federal Republic of Germany or Europe are taken into account without establishing the equivalence.

(2) Study times including professional work and examination performances in another course of studies are taken into account if the equivalence is established. The equivalence is acknowledged, if study times, practical professional work and examination performances correspond to the contents, range, and requirements of the postgraduate programme Water and Coastal Management in the essential points. No schematic comparison, but an overall view and an overall assessment with regard to the significance of the performances for the purpose of the examinations according to § 2 have to be attained. The equivalence agreements approved by the conference of the Ministry of Education and the Conference of University Principals or other international agreements are the authoritative sources for establishing the equivalence of a foreign course of studies. In case there are no agreements available or when a more extensive counting is applied for, the examining board decides about the equivalence. The Central Department for Foreign Education Systems can be consulted about the facts of the case and the legal situation. Diverging counting regulations due to agreements with foreign universities (cooperation agreements, university partnerships) remain unaffected.

(3) Practical professional work performed outside the studies is taken into account as long as the equivalence is documented and accepted by the examination board according to article 2, sentence 3.

(4) If the preconditions are met according to articles 1 to 3, the student has a legal claim for the counting of study times. The examining board decides about the counting on the application of the student.

(5) Maximally 30 credit points (CP) can be taken into account according to articles 1 to 3. A Master Thesis cannot be counted.

(6) If the systems of grades and credit points are comparable, the grades and credit points are accepted for the counting of study and examination performances and are included in the calculation of the overall grade. In case of non-comparable grade systems the representatives of the respective subject examine the equivalence. A reference to the counting on the certificate is admissible.

§ 8 Admittance to Modules and Module Examinations

(1) A module can be attended by students matriculated in the master course of Water and Coastal Management at Carl von Ossietzky University Oldenburg. Students inscribed for a module are also admitted to all examinations related to that module.

(2) The entry for module examinations has to be submitted without delay in writing or electronically. Up to two weeks before the test date a written resignation from this examination is possible at the test office, without specification of reasons. A test resignation in the two weeks before the test date is possible only on acknowledgment of conclusive reasons.

(3) Each module is completed by an examination. Examinations are related to modules, accompany the studies and should be completed by the end of the semester, in which the last lecture of a module is held. If a module extends over several terms, the module-referred examinations take place at the latest in the last term, in which the module is taught.

§ 9 Forms of Module Examinations

(1) Form and number of module examinations are determined in Appendix 1. Type and complexity have to correspond to the number of credit points for the examination. Module examinations can be:

1. Written examination paper (article 4),
2. Oral examination (article 5),
3. Presentation (article 6),
4. Homework (article 7),
5. Practical exercises (article 8),
6. Other forms of examinations (article 9),
7. Laboratory course (article 10)

(2) Module examinations in appropriate forms as a group work by up to three persons are to be permitted on principle. The individual student's contribution to be assessed as examination performance has to meet the requirements placed on the examination and has to be clearly distinguishable and assessable as an individual examination performance owing to objective criteria.

(3) A module examination can also consist of several components, which are provided in the courses of a module. Regulations for these components are part of the module descriptions.

(4) In a written examination paper, the examination candidate has to prove under supervision that she/he can handle a problem in a limited time with limited resources and by using the common methods of the subject. As a rule an examination or several examinations is/are not allowed to last longer than 3 hours at 6 points of credit; with a module to the extent of 12 credit-points maximally 4 hours (one or more examinations).

(5) An oral examination is held by two examiners as an individual examination. As a rule a verbal examination is not allowed to last longer than 30 minutes at 6 points of credit; with a module with an extent of 12 points of credit not longer than 45 minutes. The fundamental subjects of the examination, the assessment of the performance and the basic considerations of the assessment decision are to be documented in the minutes, which are to be signed by the examiners.

(6) A presentation comprises:

1. An independent and deepened treatment of a problem from the field of the lecture considering and analysing relevant literature.

2. Presentation of the work and its results in a lecture and subsequent discussion.

3. A written paper.

(7) A homework is an independently written paper on a subject-specific or interdisciplinary type of problem.

(8) A practical exercise consists of a set of practical attempts, exercises or tasks of programming with written elaboration. In accordance with condition of the special specifications a minimum presence as well as verbal short examinations can be required, whereby article 6 is not to be applied to verbal short examinations.

(9) Other forms of examinations have to be adequate to the competences imparted by the module. On principle, new forms of learning and teaching such as internet projects, learning diaries, learning assessments may take effect besides the module examinations listed above. The persons responsible for the module determine the forms of examinations considered adequate to the module and the way they are performed in detail.

(10) Practical courses can be made externally, if contents of, extent and achievements at least correspond to a comparable practical course in the University of Oldenburg and a member of the teaching staff in accordance with § 6, article 1 supervises the practical course and participates in the module examination.

(11) By offering various courses the faculty guarantees that the module examinations can be taken. With the announcement of the training offer for each module descriptions of the module are announced. In the descriptions of a module the formal and content wise definitions for the modules and examinations are met. The persons responsible for the module are responsible for the content wise and organizational co-ordination of the courses within a module and for the definition in accordance with article (2).

(12) If the examination candidate satisfactorily justifies that she/he cannot take a module examination completely or partially in the prescribed form because of long-lasting or permanent physical illness or handicap or care of her/his own child, the examining board can allow her/him to produce the examination performance in a different way.

§ 10 Public Oral Examinations

(1) Students who are planning to make the same examination as other members of the university and who advance a legitimate interest have to be admitted to oral examinations as an audience. This does not apply to the discussion and announcement of examination results to the examination candidate. On the application of the examination candidate according to sentence 1 the audience is to be excluded or to be limited in number.

§ 11 Default, Withdrawal, Deceit, Violation of Regulations

(1) An examination performance is to be assessed as “not satisfactory“, when the examination candidate without good reason

1. does not appear on an examination date,
2. withdraws from the examination after the beginning of the examination,
3. does not accomplish the repetition of a test achievement within the period specified for it.

(2) The reasons asserted for a withdrawal or default have to be announced and justified immediately to the examining board; otherwise the respective examination performance is rated as “not satisfactory”.

Having been removed from the university register or an exeat are no good reasons. In case of illness a medical certificate has to be submitted, if the illness is not obvious. The examining board can insist on an official medical certificate to be submitted. If the reasons are accepted, a new date, usually the next regular examination date, will be set. Existing examination results are to be counted in this case.

(3) When the examination candidate tries to influence the result of an examination through deceit or using inadmissible resources, the respective examination performance is to be assessed as “not satisfactory”. A person committing an offence against the examination regulations can be excluded from the continuation of the respective examination; in such a case, the respective examination performance is rated as “not satisfactory”. The examining board takes the decisions according to sentences 1 and 2 after hearing the examination candidate. The examination candidate continues the examination until the examining board has come to a decision, unless a preliminary exclusion of the examination candidate is imperative for a regular continuation of the examination according to the decision of the supervisor. In cases of particularly serious or repeated deceit the examining board can exclude the examination candidate from the continuation of the examination procedure. In aforementioned case the master examination is not passed.

(4) When the submission date of an examination work is not kept without any good reason, it is assessed as “not satisfactory”. Article 2 sentences 1 to 4 apply accordingly. In those cases in which the submission date cannot be kept for good reason, the examining board decides about whether the submission date for the examination work will be postponed accordingly. This decision is made in consideration of the principles of equal opportunities and the priority of scientific achievements to the observance of procedural regulations.

§ 12 Assessment of Module Examinations Results and Master Thesis

(1) Each module examination and the Master thesis are assessed according to articles 2 and 3. If a module examination is not assessed by grades, it must be assessed as either "passed" or "not passed". A module examination is passed if at least the grade "satisfactory" is achieved. The examiners have to assess the examination performance within three weeks and to pass the assessment on to the responsible Academic Examining Authority.

(2) The following grades are to be used for the assessment:

1 = very good	= an excellent result
2 = good	= a result considerably above the average requirements
3= adequate	= a result that meets the average requirement in every respect
4= satisfactory	= a result that meets the minimum requirements despite its faults
5 = not passed	= a result that does not fulfil the requirements because of considerable faults

In order to differentiate the assessment, the grades may be raised or reduced by 0.3 excluding the grades 0.7 and 4.3 as well as 4.7 and 5.3.

(3) If the module examination consists of components, the note of the module examination is calculated for this examination as weighted arithmetic mean of the notes of the part deliveries assigned to this components, which are specified in appendix 1. The examiners determine the module grade. The note reads:

With an average up to 1,50	very good,
With an average greater 1,50 to 2,50	good,
With an average greater 2,50 to 3,50	adequate,
With an average greater 3,50 to 4,00	satisfactory,
With an average greater than 4,00	not passed.

With the formation of the grade after sentence 1 only the first two decimal places behind the comma are considered; all further places are deleted without rounding.

(4) The total note is supplemented by an ECTS note (European Credit Transfer and Accumulation System), which illustrates apart from the absolute a relative evaluation of the grade. The ECTS grade sets the individual achievement of a student in relation to the achievements of the other students of the course of studies. The successful students receive the following grades:

- A: best 10%,
- B: next 25%,
- C: next 30%,
- D: next 25%,
- E: next 10%.

(5) As basis to the determination the ECTS note usually serve the total grades of the last six terms (Cohort) before the date of the conclusion. An ECTS note is formed, if

the cohort covers at least 20 graduates. The ECTS note is determined, as the total notes of the graduates are set in relation to the Cohort.

§ 13 Credit-Points

(1) Credit-points (CP) are assigned on the basis of existed module examinations. They express the average temporal amount of work, which is necessary to pass the module examination. A CP corresponds to 30 hours of work. The allocation of CP to the module examinations and to the master's thesis results from appendix 1 of these regulations and from the descriptions of the modules.

(2) Each terms 30 credit-points have to be assigned. The size of a module usually should amount to 6, 9, 12 or maximally 15 credit-points.

(3) The responsible test office keeps an account of credit-points for each student. In the context of the organizational possibilities and data protection regulations the students are allowed to inspect their account.

§ 14 Retake of Module Examinations

(1) Module examinations, which have not been passed, can be retaken twice. If the examination performance is assessed as "not passed" or is considered to be assessed as "not passed" and a retake according to article 2 is no longer possible, the examination performance is finally not passed.

(2) Retake examinations are to be taken in the course of the following semester.

(3) Retaking a passed examination is not admissible.

(4) Unsuccessful attempts to take a comparable examination in the same course of studies or a corresponding course of studies at a university including the Carl von Ossietzky University Oldenburg are counted for the retake possibilities according to articles 1 and 2.

§ 15 Certificates

(1) A certificate of the passed Master examination is to be issued within four weeks (Appendices 4 and 5). The day when the prerequisites for passing the examinations are fulfilled is stated as date of the certificate. § 3 sentence 3 applies accordingly.

(2) If the Master examination is not passed or is regarded as "not passed", the chairman of the examining board gives a written notification.

(3) When leaving the university or changing the course of studies, students may apply for a certificate containing the examinations passed and their assessments. When the Master examination is finally not passed, this certificate is issued without application. It also lists the missing examination performances stating that the Master

examination has not been passed or finally not been passed. § 3 sentence 3 applies accordingly.

§ 16 Nullity of the Examination

(1) If it was deceived within an examination and if this fact emerges only after handing out the certification, the examination board is able to accordingly correct those test achievements or/and declare them totally or partly for “not passed” after the fact, that have been provided by deception by the student.

(2) If the conditions for the permission to an examination were not fulfilled, without the student wanted to be deceptive concerning this, and this fact becomes known after the handing out of the certification, this lack is healed by pass of the examination. If the permission was obtained deliberately to injustice, the examination board decides considering the legal regulations on the cancelling of illegal administrative acts.

(3) Previous to a decision the opportunity to discuss the affair with the examination board has to be given to the student.

(4) The incorrect certificate of examination has to be retracted and be replaced by a correct certification or a certificate after § 14. With the incorrect certificate of examination also the document has to be retracted, if the examination was due to a deception declared for “not passed”. A decision in accordance with the article (1) and (2) sentence 2 is impossible after a period of five years starting from the date of the certificate of examination.

§ 17 Viewing the Examination Files

(1) On request the student is informed about partial results before the examination is completed. Upon completion of each examination the student is afforded access to her/his written examination papers, the related comments by examiners and to the examination minutes on request.

(3) The application is to be submitted to the chairman of the examining board within one year after the announcement of the examination results at the latest. The chairman of the examining board decides about place and time of access to the files.

§ 18 Public Announcements by the Examining Board at Universities

(1) The examining board makes these English version of the examination regulations public at the university and informs students appropriately about the examination regulations applying to them. In case of doubt the German version applies.

(2) The examining board can decide that decisions and other measures taken in accordance with these examination regulations, especially admission to examinations, denial of admission, entry and examination dates and periods as well

as examination results, are made public at the university in the customary way. Legal data protection regulations are to be considered. Their decision is to be made public at the university in the customary way.

§ 19 Single Case Decisions, Protest Procedures

(1) Notices of rejection and other incriminating administrative acts taken according to these examination regulations are to be justified in writing, to be provided with a statement of legal remedy and to be announced in accordance with § 41 Verwaltungsverfahrensgesetz (administrative procedure regulations). Protest can be raised against these decisions with the examining board within one month after receipt of the notice according to § 68 and following paragraphs of the rules of the Administrative Court.

(2) The examining board decides about the protest.

(3) In case the student claims concrete and substantial objections against examination-specific assessments and technical ratings by one examiner, the examining board forwards the protest to that examiner for verification and comments. When the examiner alters the assessment according to the application, the examining board redresses the protest. Otherwise the examining board investigates the decision on the basis of the examiner's comments, in particular whether

1. the examination procedure was not carried out duly,
2. the assessment was based on incorrect facts,
3. generally applicable assessment principles were neglected,
4. a defensible solution logically founded on significant arguments was assessed as wrong,
5. the examiner was guided by irrelevant considerations.

The same applies when the protest is directed against assessments by several examiners.

(4) On the application of the student, the examining board appoints an expert for the protest. The expert must be qualified according to § 6, article (1). The student and the expert are to be given the opportunity to state their points of view, before a decision is made according to articles (2) and (6).

(5) When the examining board does not redress the protest already at this point of the procedure in case of a violation according to article (3) sentence 3 nos. 1 to 5 or when concrete and substantial objections against examination-specific assessments and technical ratings are claimed without the examiner altering her/his decision, examination performances are re-assessed by examiners not involved in the examination before or the oral examination is repeated.

(6) When the examining board does not redress the protest or the examination performance is neither re-assessed nor repeated, the Faculty of Mathematics and Science decides about the protest.

(7) A decision regarding the protest is to be made within one month. If the protest is not redressed, the Director of the Faculty notifies the complainant(s).

(8) The protest procedure must not lead to a worse examination grade.

§ 20 Extent of Master Examination

(1) The Master examination consists of the module examinations (modules amounting to 90 credit-points) and the Master Thesis (25 credit-points) including the final oral colloquium (disputation, 5 credit-points).

§ 21 Admission to Master Thesis

(1) Persons are admitted to the Master Thesis who

1. are registered at Carl von Ossietzky University Oldenburg in the Master course Water and Coastal Management and

2. have successfully passed the modules of the consolidation phase according to § 4 article 4 or prove equivalent results (according to § 7) and

1. have successfully passed the module examinations of the specialisation phase according to § 4 article 4 or prove equivalent results (according to § 7).

(2) The examining board can admit a student to the Master Thesis even when the module examinations accompanying the studies have not yet been finally assessed. Such an admission is granted on condition that the prerequisites for admission can be made up for or completed without impairing the further course of studies.

§ 22 Master Thesis

(1) The Master Thesis is to show that the student is able to solve a problem independently related to the field of Water and Coastal Management applying scientific methods within a prescribed period. Topic and setting of tasks of the Master Thesis must correspond with the purpose of examination (§ 2 article (1) sentence 3) and with the working time according to article (5). The type and setting of tasks must have been determined upon announcement of the topic.

(2) The Master Thesis can be performed as a group work (by up to two persons). The individual student's contribution which is to be assessed as an examination performance has to be clearly distinguishable and assessable as an individual examination performance owing to statements of sections, page numbers or other objective criteria and to meet the requirements according to article (1).

(3) The topic of the Master Thesis can be determined by any member of the university teachers' group of the Faculties involved in teaching in the Master course of Water and Coastal Management. If the examining board agrees, a member of the university teachers' group who is not a member of the involved Faculties can also determine the topic. Other authorized examiners according to § 6, article (1) can also

determine it; in that case, the second examiner must be a member of the university teachers' group in the Faculties involved in teaching in the Master course of Water and Coastal Management.

(4) The first examiner determines the topic after hearing the student. On the application of the student the examining board is responsible for seeing that the student is given a topic in time. The chairperson of the examining board announces the topic; the announcement is to be placed on record. Upon announcement of the topic the examiner who has determined the topic (first examiner) and the second examiner are appointed. On the application of the first examiner the examining board can agree upon exceptions from this rule. While preparing the Master Thesis the student is supervised by the first examiner.

(5) The maximum time period from the announcement of the topic until the presentation of the Master Thesis is five months. The topic can be cancelled once only and only within the first two months of the working time according to sentence 1. In individual cases the examining board can exceptionally extend the working time by three month upon well-founded application.

(6) Upon presentation of the Master Thesis the student has to assure in writing that she/he has written the paper – in case of a group work the distinguishable individual contribution – independently and without using sources and resources other than those stated.

(7) The Master Thesis has to be submitted in triplicate to the Academic Examining Authority within the period prescribed; the date of submission is to be placed on record.

(8) The work is to be assessed by both examiners within four weeks after its submission. During the investigation and evaluation also the process of the treatment is considered. The evaluation of the Master Thesis is justified in writing; the basic considerations of the evaluation decision are stated. The justification is taken with the test work to the test file. The presentations of the work in a university public lecture (Disputation) as well as the investigation of the work and the verbal achievement have to take place within six weeks after the delivery of the master-thesis. The Master Thesis is passed, if both examiners evaluated the work with at least „sufficiently “. The note of the passed Master Thesis is formed from the arithmetic means of the two single notes in accordance with §12.

§ 23 Final Oral Colloquium (Disputation)

(1) In the final oral colloquium (disputation, 5 credit-points) the student has to prove on the basis of the Master Thesis that she/he is able to independently and scientifically deal with interdisciplinary and problem-oriented questions related to the field of Water and Coastal Management and to present them.

(2) The final colloquium has to take place within six weeks following the final assessment of the Master Thesis by the examiners.

(3) The final colloquium is performed in the form of a disputation joint by at least two authorized examiners, at least one of them having supervised the Master Thesis. One of the authorized examiners must be a member of the teaching staff of one of the involved Faculties. The examining board can appoint up to two further authorized examiners. As a rule, the final oral colloquium takes 45 minutes per student, of which about 20 minutes are reserved for a free lecture to be given by the student about questions and results of the Master Thesis; the remaining time is to be used for a scientific discussion on relevant questions related to the subject of the Master Thesis. For assessment, § 12 applies accordingly.

§ 24 Repetition of the Master Thesis and the Final Oral Colloquium

(1) The Master thesis and the final oral colloquium can be repeated once, when they are assessed as “not passed” or are considered to be assessed as “not passed”. A second repetition is impossible. Cancellation of the topic in case of repetition is only admissible, if this possibility has not already been made use of in the first attempt.

(2) The new topic of the Master thesis is issued within an appropriate period, as a rule within two months after assessment of the first work.

§ 25 Overall Result of the Examination

(1) The examination for Master of Science is passed when all examination performances according to § 19, article 1 are assessed as “satisfactory” at least.

(2) The overall grade of the examination is calculated from the average of grades for examination performances weighted according to § 20 article 1. § 12 applies accordingly. The credit points assigned to the modules serve as weights for calculating the overall grade.

(3) The total grade is to be provided with the title „passed with distinction“, if the total result corresponds to 1.0 to 1.1.

(4) The examination is finally not passed when a module examination, the Master-thesis or the final oral colloquium is assessed as “not passed” or is considered to be assessed as “not passed” and a repetition is no more possible.

§ 26 Taking Effect

These examination regulations come into effect after their approval by the Presiding Committee of Carl von Ossietzky University the day following their announcement in the “Amtliche Mitteilungen” (official information bulletin) of Carl von Ossietzky University Oldenburg.

APPENDICES

Appendix 1: range of modules of the MSc Water and Coastal Management

Appendix 2: Document certifying that the Master examination (M.Sc.) has been passed (in German)

Appendix 3: Document certifying that the Master examination (M.Sc.) has been passed (in English)

Appendix 4: Certificate and module list, master thesis with topic and the conclusion colloquium in German language

Appendix 5: Certificate and module list, master thesis with topic and the conclusion colloquium in English language

Appendix 6: Diploma Supplement

Appendix 7: Exemplarily Study Course Plan

Appendix 1: Range of Modules of the MSc Water and Coastal Management

C P	Module title, kind and number of course, workload: hours of presence/ self studies	Kind and number of module examinations
Case Studies (compulsory, 1 st to 3 rd semester): altogether 18 CP, 540h (per semester 180h)		
6	case study I, 1 LC, 1 SE, 124h/56h = 180h	1 HW or 1 PO
6	case study II, 1 LC, 1 SE, 126h/54h = 180h	1 HW or 1 PO
6	case study III, 1 LC, 1 SE, 56h/124h = 180h	1 HW or 1 PO
Consolidation phase (compulsory voting, 1 st & 2 nd semester, place of study: Oldenburg): altogether 48 CP (per semester 24 CP), altogether 1440h (per semester 720h)		
Environment: after individual definition at least two at the most five modules, in two semesters altogether 18 to 30 CP, each 56-182h/114-220h = altogether 540-900h		
12	environmental science, 1-2 LT, 1-2 LC, 1-2 SE, 140-182h/178-220h = 360h	altogether 2 WE o. AM o. HW; EA: LCPO u. EC
6	ecology and ecological systems, 2 LT, 1-2 LC/1-2 SE, 56-66h/114-124h = 180h	WE o. HW; EA: LCPO u. SETA with written elaboration (app. 10 p.)
6	processes in environmental systems, 2 LT, 56h/124h = 180h	WE or HW
6	systems of the environment: aquatic systems, 1 LT, 1 SE, 1 EX, 58h/122h = 180h	WE or HW; EA: EX
6	environmental information systems:, 1 LT, 1 ES, 56h/124h = 180h	OE; EA: EC
Socioeconomics after individual definition at least three at the most five modules, in two semesters altogether 18 to 30 CP, each 42-56h/124-138h = altogether 540-900h		
6	environmental economics and environmental politics, 1 LT, 42h/138h = 180h	WE
6	resource and energy economics, 1 LT, 42h/138h = 180h	WE
6	international sustainability management, 1 LT, 1 ES/SE, 56h/124h = 180h	AM or HW
6	corporate social responsibility, 1 LT, 1 ES, 56h/124h = 180 h	AM or HW
6	politics of the environment and sustainability, 1 LT, 1 ES/SE, 56h/124h = 180 h	AM or HW
6	instruments managing sustainable development, 1 LT, 1 ES/SE, 56h/124h = 180 h	AM or HW
Specialisation phase (compulsory voting, 3 rd Semester, place of study: Groningen): after individual voting four to five modules, altogether 24 CP, each 28-56h/34-124h = altogether 720h		
6	water management:, 1 LT, 1 ES, 56h/124h = 180h	HW und WE
6	project management:, 1 LT, 1 ES, 56h/124h = 180h	AM und WE

C P	Module title, kind and number of course, workload: hours of presence/ self studies	Kind and number of module examinations
6	planning practice:, 1 LT, 1 SE, 56h/124h = 180h	AM und WE
6	infrastructure planning:, 1VL, 1 SE, 56h/124h = 180h	AM und WE
6	planning theory:, 1 LT, 56h/124h = 180h	WE
3	planning theory tutorial, 1 SE, 28h/64h = 90h	AM
3	planning research, 1 LT, 56h/34h = 90h	HW
Final module master thesis (compulsory, 4 th semester): 30 CP, altogether 900h		
25 +5	master thesis, 1 LC, 1 SE, 28h/872h = 900h	master thesis; public SETA incl. discussion, colloquium

Abbreviations: HW: homework, PO: protocol, AM: assignment, WE: written examination paper, EC: exercises, TA: talk, EA: examination advance, LCPO: lab course protocol, SETA: seminar talk, OE: oral examination; LC: lab course, SE: seminar, EX: excursion, LT: lecture, ES: exercises; h: hours

Appendix 2: Document Certifying that the Master Examination (M.Sc.) has been Passed (in German)

Carl von Ossietzky Universität Oldenburg
Fakultät für Mathematik und Naturwissenschaften

Master-Urkunde

Frau/Herrn*)

geboren am:in

hat den Masterstudiengang Water and Coastal Management an der Carl von Ossietzky Universität Oldenburg mit der Gesamtnote..... erfolgreich abgeschlossen.

Ihr/Ihm* wird der Hochschulgrad

Master of Science (M.Sc.)

verliehen.

Oldenburg, den

Die Dekanin/Der Dekan*
des

Die/Der* Vorsitzende
Prüfungsausschusses

* Zutreffendes einfügen

Notenskala: ausgezeichnet, sehr gut, gut, befriedigend, ausreichend

Appendix 3: Document Certifying that the Master Examination (M.Sc.) has been Passed (in English)

**Carl von Ossietzky Universität Oldenburg
The Faculty of Mathematics and Science**

Certificate

Ms./Mr.

place of birth.....date of birth

has passed the examination for the Master of Science in Water and Coastal Management and was admitted to the degree of

„Master of Science (M.Sc.)“

The overall grade achieved is.....

Seal

Date

The Dean of the Faculty

The Chairman of the Board of Examiners

Grades: excellent, very good, good, satisfactory, sufficient

Anlage 4: Certificate and Module List, Master Thesis With Topic and the Conclusion Colloquium in German Language

Carl von Ossietzky Universität Oldenburg
Fakultät für Mathematik und Naturwissenschaften

Zeugnis

Frau/Herrn*)

geboren am:in

hat den Masterstudiengang Water and Coastal Management der Carl von Ossietzky Universität Oldenburg mit der Gesamtnote..... erfolgreich abgeschlossen.

Die Masterarbeit mit dem Thema.....

wurde mit der Note*) bewertet

Liste der Module mit Noten und Kreditpunkten:

Oldenburg, den

Der Vorsitzende des Prüfungsausschusses

* Zutreffendes einfügen

Notenskala: mit Auszeichnung bestanden, sehr gut, gut, befriedigend, ausreichend

Anlage 5: Certificate and Module List, Master Thesis with Topic and the Conclusion Colloquium in English Language

Carl von Ossietzky Universität Oldenburg
The Faculty of Mathematics and Science

Examination Transcript

Ms./Mr.

place of birth.....date of birth

has passed the examination for the Master of Science in Water and Coastal Management with the overall grade

Thesis title:.....

The thesis was credited with 30 credits and given the following grade.....

Modules passed:

Subject	Grade	Credits
.....

Seal Date

Sign

The Chairman of the Board of Examiners

Grades: excellent, very good, good, satisfactory, sufficient

Appendix 7: Exemplarily Study Course Plan