

The following translation is taken from the German original regulations “Ordnung für die Prüfung im Bachelorstudiengang Umweltwissenschaften und in den Masterstudiengängen Umweltwissenschaften und Ecotoxicology an der Universität Koblenz-Landau, Campus Landau“ with the aim to provide general information; however, **only the German version is legally binding.**

Note: The stipulations pertaining to the Bachelor’s Degree Program in the above mentioned regulations have been omitted in the translation as they do not apply. Omissions are marked with [...].

**Examination Regulations for
the [...] Master Program Environmental Sciences and
the Master Program Ecotoxicology
at the University of Koblenz-Landau, Campus Landau
dated June 2, 2009, in the version dated October 25, 2017**

In accordance with Article 7, Paragraph 2, No. 2, and Article 86, Paragraph 2, No. 3 of the Higher Education Act (Hochschulgesetz) dated July 21, 2003 (GVBl. p. 167), BBS 223-41, last modified by the University Medicine Act of September 10, 2008 (GVBl. p. 205), BS 223-41, in its session of December 10, 2008, the faculty council of Faculty 7: Natural and Environmental Sciences passed the following regulations for the examination in the [...] master program Environmental Sciences and the master program Ecotoxicology. These regulations were approved by the Ministry for Education, Science, Youth and Culture in correspondence dated May 18, 2009, Reference: 9526, Journal-Nr. 203/09, and are herewith published.

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Modular General Structure of the Program, Module Examinations
Master program Environmental Sciences
Master program Ecotoxicology

I. General

1

Program Goals, Academic Degree

(1) does not apply.

(2) The master program Environmental Sciences has as its goal a deeper understanding and specialist knowledge and an advanced methodological competence in all areas of Environmental Sciences. Therefore, it has a focus on interactions between the different environmental compartments on different scale levels from the molecule level up to the scenery including the economising human being or from the individual up to the ecosystem. The course of studies provides therefore one basic process understanding and system-analytic abilities. Special attention is laid on human-caused changes, methods of differentiating and quantifying them and ways of the political and economic influencing control. The students attain detailed soft skills relevant for occupation, e.g., in areas of Teamwork, presentation and publication. The study enables the graduates and female graduates for the solution of complicated discipline-covering problems and settings of tasks and prepares in particular on independent and leading activities. The graduates and female graduates are enabled with it for the professionalism in varied fields of work of the environmental research and the environmental management. A special main focus lies on the international adjustment of the study which qualifies the graduates and female graduates also for the international job market. In addition, the course of studies prepares for a doctorate.

(3) The master program Ecotoxicology provides ecotoxicological training with a solid scientific foundation and thus imparts basic and applied knowledge on the occurrence, behaviour, effects, risk assessment, and risk management of chemicals in the environment. It is geared to the latest findings of ecotoxicological research, while at the same time it allows insights into neighbouring disciplines, thereby promoting an interdisciplinary perspective and the development of integrative approaches to problem-solving. On this basis, graduates of this program are able to independently work on, analyse, and evaluate ecotoxicological problems and to present such results to an international specialist audience. Graduates of the program are competent to do in-

dependent scientific work and can apply systems thinking; in particular it prepares them for managerial positions with a high degree of personal responsibility. Thus, graduates are qualified for a professional career in diverse fields of ecotoxicology. The international orientation of the study program also qualifies the holders of the degree for an international job market. Furthermore, the program prepares students for a subsequent doctorate.

(4) After having successfully completed the course of studies and passed the examination, the academic degree "Master of Science" (M.Sc.) is awarded to the candidate by Faculty 7: Natural and Environmental Sciences. This academic degree may be placed after the graduate's name.

2

Prerequisites for Admission

(1) *does not apply.*

(2) All students shall be admitted to the [...] master program Environmental Science or to the master Program Ecotoxicology that

- have obtained a bachelor degree in environmental sciences with a final grade of "good" or better, in other words, between 1.0 and 2.5,
- have obtained a bachelor degree in another field with an environmental scientific focus in a German or foreign university with the final grade "good" or better, if the courses of the completed bachelor program have imparted the required prior knowledge.
- have completed a course of study of at least 6 semesters with an environmental scientific focus in a German or foreign university and obtained a grade average of „good“ or better, if this program is equivalent to or higher than the bachelor degree and if the courses of the completed program have imparted the required prior knowledge.

(3) The enrollment for the master programs may also take place if the Document of Bachelorprüfung not yet available, but all examinations are performed prior to the start of the master's program and the exam is expected to be completed with a minimum grade of 2.5. If the access conditions are not detected until the end of the first semester, the enrolment will invalidate.

(4) If students have obtained an adequate university degree, they can be admitted to the master program independent of the grade average, if there are particular reasons relevant to the subject area, such as a “very good” grade for the Bachelor’s thesis or at least one year of professional experience in the area of environmental science. The examining board decide for exemptions if a student apply with a letter written by him or herself explaining his or her personal and scientific goals and the plans of his or her career which are combined with this master program.

(5) For admission to the master program, the equivalency of university degrees as regard to program content and the recognition of particular subject-related reasons in degrees with a grade less than “good” is determined by the examining board. The evaluation is conducted on the basis of the submitted documents, in particular the examination certificate with the diploma supplement. If the submitted documents are not sufficient to reach a decision, the examination board can invite the candidate to an assessment interview. Candidates can be admitted on condition that they meet specific requirements (attendance of courses and completion of certain modules of the bachelor program before enrolment in the master program).

(6) It is required that students of the [...] master programs possess adequate active and passive English skills that enable them to read academic literature in English and actively participate in courses that are held in English. Level B2 of the Common European Framework of Reference for Languages is expected.

Examination Board

(1) An examination board is appointed for the organisation of examinations and for the required duties in connection with these examinations. The examination board consists of seven members. The members are appointed for three years, except for the student, whose term lasts one year.

(2) The chairperson, the vice-chairperson, and further members of the examination board are appointed by the faculty council of Faculty 7: Natural and Environmental Sciences. The chairperson, the vice-chairperson, and two other members are university professors. One further member each stems from the group of scientific assistants, students, and non-academic support staff. Participation is subject to the provisions of Article 25, Paragraph 5 HochSchG (Act of Higher Education). In case of a parity of votes, the vote of the chairperson of the examination board decides. The chairperson is authorized to make decisions and take measures in place of the examination board in urgent matters; in such cases, the examination board is to be informed without delay.

(3) Together with the examination board, Faculty 7: Natural and Environmental Sciences shall ensure that the examinations can be completed within the time period prescribed in these regulations. To this aim, the examination board gives the candidates due notice about the type and number of required examinations as well as the dates they have to be taken and also the deadline for beginning and turning in the [...] master's thesis.

(4) The chairperson of the examination board ensures compliance with the examination regulations. He/she regularly reports about the development of the length of the examination periods and study periods to the faculty including the actual time students require for preparing the [...] master's thesis as well as the distribution of subject and overall grades. The examination board makes recommendations for reforming the examination regulations and degree course scheme.

(5) The members of the examination board have the right to attend an examination. This right does not include presence while students are being notified of their grade.

(6) The members of the examination board and their substitutes are bound to official secrecy. If they are not employed by the public service, they must be sworn to secrecy by the chairperson.

(7) Candidates must be promptly notified in writing about unfavourable decisions of the examination board and the reasons for the decision. Candidates have the right to be heard before such a decision is made. The official notification must include the instruction on right to appeal the decision.

4

Examiners, Assessors

(1) The chairperson of the examination board appoints the examiners and assessors. If the chairperson does not appoint examiners, these persons will be examiners who independently taught a course within the certain module according Article 1, Paragraph 48, Clause 1 or Article 1, Paragraph 56, Clause 4 HochSchG (Act of Higher Education). Regarding the appointment of examiners, Article 1 also applies for all those supervising and evaluating bachelor and master theses. Examiners are professors. Retired professors, junior professors according Article 2a, Paragraph 61 HochSchG (Act of Higher Education), lecturers as well as persons with a postdoctoral qualification can be appointed as examiners if they have taught autonomously in the respective examination subject in the study period prior to the examination. The same applies to academic staff with duties as per Article 56, Paragraph 1, Clause 2 of the Higher Education Act, teachers with special duties as well as persons with professional experience.

Assessors are appointed by the examiners. Persons can be appointed as assessors only if they have at least a master degree or a comparable degree in the respective examination subject.

(2) Examiners and assessors are bound to official secrecy; Article 3, Paragraph 6 is to be applied accordingly.

(3) The candidate may suggest the examiners for the [...] master thesis. This wish should be honoured whenever possible.

(4) The chairperson of the examination board ensures that the candidate is duly notified of the names of the examiners and the dates of the examinations.

5

Accreditation of Periods of Study, Study Credits, and Examination Results

(1) Periods of study, study credits, and examination results from programs at other universities are recognized without further examination of their equivalency if there are no relevant differences between the modules of both universities. Reasons why and because of which differences results are not recognizable should be told to the students. For the accreditation of study periods, study credits, and examination results the equivalency agreements approved by the Standing Conference of the Ministers of Education and Cultural Affairs of the Länder in the Federal Republic (Kultusministerkonferenz) and the Association of German Universities and other Higher Education Institutions (Hochschulrektorenkonferenz) as well as agreements in connection with university partnership programs must be taken into consideration. Moreover, in case of questionable equivalency, the examination board can seek advice from the Central Office for Foreign Education Systems or respective qualified academics from foreign universities.

(2) If a student plans to study at a foreign university and wishes to receive credit for the study and examination results acquired there, he or she should first discuss with the chairperson of the examination board or with the authorized person if the coursework and examination results can be accredited or not before beginning studies in a foreign country.

(3) Knowledge and qualifications which are acquired outside the university can be regularly recognized until the half of the university studies. Recognition shall be granted in single cases based on the goals and competence of the specific type of studies as it is written in annex to the module handbook and on basis of educational content.

(4) If results are credited in cases where the grading systems are comparable, the grades shall be transferred and included in the calculation of the overall grade pursu-

ant to Article 18, Paragraph 2. If the grading systems are incompatible, the term "passed" shall be used. In the examination certificate will be noted the accreditation.

(5) Decisions in accordance with Paragraphs 1 to 3 are made by the chairperson of the examination board.

(6) The student submits with the apply for matriculation all the documents that contain the evaluations, credit points, and the dates of all examination results that he or she has obtained until then in another course program or at another university. The documents must show the module examinations and examination-relevant course requirements that the student did not pass or had to repeat. The documents must be issued by the university, at which the student took the examinations. The examination board decides whether or not to give credit. The board can seek expert advice from the responsible faculty member. The recognition in similar study courses is a formal act. In other courses students have to apply for it.

(7) Credit can be granted on the condition that certain requirements are fulfilled in respect to results that the student must first make up for. Candidates must be notified in writing of any additional requirements. The notification must include the instruction on right to appeal the decision.

6

Prescribed Period of Study, Modular Course Structure, Deadlines

(1) does not apply.

(2) The prescribed period of study including the time allotted for writing the master thesis and the final master examination is two years (four semesters).

(3) The courses and internships of the [...] master program are organized in modules. The term "module" is used for units of instruction that are subject-related and follow a specific order and that are assigned a specific number of credits points (CP) depending on the amount of time required for successful completion. (cf. Appendix). [...] The master program Environmental Sciences encompasses a total of 120 CP in 16 modules, the master program Ecotoxicology encompasses a total of 120 CP in 15 compulsory and elective modules.

(4) For determining the times of study the student has studied in a program which is counted for observing a deadline written in the exam regulations extended times of study or interruptions shall not be counted if they were caused by

1. participation in a university council as prescribed by statutes or law, or in a student body or student union,
2. illness, a handicap, or another reason that the student is not responsible for,
3. pregnancy or child care.

In this case, at least the time period prescribed by the Maternity Protection Act as well as the time period designated in the Federal Parenting Benefit Act and Parental Leave Act is to be granted.

4. care of needy relatives
5. regular studies abroad up to two semesters.

The evidence is incumbent upon the students.

(5) It is the examination board's task to determine the length of study time to be counted in reference to the stipulations in Paragraph 4. The reasons that have led to the delay in completing the requirements must first be discussed in detail with the person concerned.

7

Credit Point System, Module Examinations

(1) A number of credits is awarded to each module that correspond to the approximate workload, in other words, the time that students typically need to attend all compulsory courses of the module, to prepare and review the subject matter, to prepare for examinations, if necessary to make course assessments and to sit for examinations. The same applies to the master thesis. Credit points are awarded after the successful completion of the module examinations and [...] the master thesis. For external internships, [...] credit points are awarded according to the provisions of Article 8. On average, 30 credit points are attached to the workload of one semester. The as-

signment of credit points follows the standards set forth by the European Credit Transfer System (ECTS).

(2) The required modules listed in Article 12, with the exception of [...] module AMEO end with a module examination. As a rule, a module examination consists of an assessment that is related to the subject areas of all courses of that module. A module examination is considered passed, if the candidate obtains a grade of at least “sufficient” (4.0). Module examinations can be conducted in written format (written tests, seminar papers, or portfolios, cf. Article 9) or in oral form (Article 10). The format of the module examination is announced in the first course of the module. In special cases, module examinations can be taken in form of partial module examinations, if this is thus stipulated in the appendix. Examinations shall be evaluated in accordance with the provisions of Article 18. The obtained grades are calculated into the overall grade of the [...] master examination in accordance with Article 19, Paragraph 2.

(3) Admission to the module examinations requires prior registration for the exam; the application is to be directed to the chairperson of the examination board within a specific deadline and is binding. As a rule, registration for the exam should take place in that semester in which the student took the last course of the respective module. Article 14, Paragraph 3 applies accordingly. Together with the examiners as per Article 4, the chairperson of the examination board sets the respective examination period and application dates and specifies the application procedure. The dates for the examinations and closing dates for submitting applications are posted at the beginning of each semester.

(4) For the awarding of credit points, regular attendance of all courses of a module is required, either personally or by means of an appropriate online platform. As a general rule, the participation in online study programs is restricted to students from international partner universities with an existing online double-degree contract. Regular attendance can be attested, if a student has missed not more than 2 single lectures in a semester, maximum 4 hours. In reasonable single cases, an exception can be made.

(5) If written in annex, further course credits can be required for permission to a module examination or for credit points. A course credit is done, if the result of the exami-

nation is at least adequate or passed. Such course credit can consist several parts as for example written exams, oral exams, protocols, colloquia, presentations, practical exams or home works. The format of the course credit examination is announced in the first class of the module.

(6) If, for good reason, the requirement of regular attendance of all courses can't be met, the course in question can be repeated twice unless a course credit has already been done and the repetition aims at earning further credit points or improving the earned grade.

(7) Through the oral and written examinations the candidate shall demonstrate that he or she is able to recognize the interrelationships between various areas of the field and is able to place specific issues in the respective context. A further goal is to determine if the candidate possesses knowledge of the examination subject that is consistent with the level of his or her academic studies.

(8) On request, a certificate can be issued for a passed module examination (Paragraph 4) that contains the name of the candidate, the exact title of the module and the corresponding courses, the number of credit points, and the final grade of the module examination.

(9) A compulsory module examination that has not been passed can be repeated once. However, at the request of the student, only one failed compulsory module examination can be repeated a second time; this does not apply to the master thesis. A elective module examination that has not been passed can be repeated twice. If an elective module examination has not been passed for the first time and the candidate does not want to retake it, then – as a substitute for this – the candidate must sit for an examination for a different elective module examination within 6 months of failing the first elective module examination. A failed elective module examination that was taken as a substitute is considered a failed repeated examination; it can only be repeated once. Substitution of a failed elective module examination by another one is only possible once. If the grade of the retaken examination is not at least “sufficient”, then the module examination is considered irrevocably failed; a further repetition of the same module examination is impossible, credits points are not awarded. The date for the repetition is fixed after prior consultation with the student; the opportunity to re-

take the exam must be used within 6 months of the failed module examination. In case of having failed some individual module examinations in the first and second repetition, the candidate loses the right to be examined for the chosen course of study (according to Article 68, Paragraph 1, No. 3 HochSchG). The chairperson of the examination board issues about this a written notification with a legal appeal.

Internships

(1) and (2) and (3) do not apply.

(4) In the master program Environmental Sciences, a six-week research and internship takes place, which will be awarded 8 credit points. The internship is designed to get in contact with job profiles and to apply and develop knowledge and skills that have been acquired during the studies. Depending on the personal preference the students are able to choose if they want to work more research-oriented or more application-oriented during the internship. The internship must be completed in a company or a research institution outside the university or in a research project of the Institute of Environmental Sciences. (5) Two internship modules are to be completed in the master program Ecotoxicology. The module AMEO (Applied Module at External Organisations) is an external internship lasting eight weeks for which 10 credit points are awarded. The aim of this research internship or work experience is for students to become familiar with the various occupational fields. It should offer students the opportunity to apply, practice, and expand the knowledge they have acquired in courses in external organizations (for example, industrial firms or research institutions). Depending upon their inclinations, students can choose if they would rather work more research- or more application-oriented during their internship. The module RPC (Research Project Course) is a ten-week research internship, for which 12 credit points are awarded. The goal of this course is for students to practice the methods for conducting scientific research work. The students independently work on a small subproject belonging to a larger research topic in the framework of a research project of the Institute for Environmental Science.

(6) For internships in accordance with [...] Paragraph 4 Clause 1 and Paragraph 5 Clause 2 credit points are awarded after a certificate by the internship institution has been submitted confirming the length and completion of the internship, an internship report consisting of one to two pages has been handed in, and an oral presentation of the internship has been held in a special information session for students. Further, the internship must be approved by the examination board before it commences. For the internal research project in accordance with Paragraph 5 Clause 6, credit points are

given after the internship has been successfully completed; this encompasses the preparation of a project plan, practical research work, submission of a scientific project report, and the presentation and discussion of the report in a colloquium.

9

Written Module Examinations

(1) Written module examinations consist of tests, seminar papers or portfolios. The length of a test is at least 60 and maximum 90 minutes. The time allotted for a seminar paper is six weeks. In the case of seminar papers or portfolios, the student must hand in a written declaration that he or she has written them independently and has not used any other sources and materials than those given as references.

(2) A written module examination in form of a portfolio encompasses the independent writing, selection, and compilation of a limited number of written documents on topics of the program module and the products stemming from the work in respective courses. A portfolio consists of an introduction, the collection of documents, and a reflective summary. The documents stem from the entire course of study in the respective module. In accordance with the more detailed regulations in the module handbook, students have two weeks for the selection of the documents as well as for writing the introduction and the reflection. When handing in the portfolio, the student must submit a declaration that he or she has prepared the portfolio independently and has not used any other sources and materials than those given as references. A portfolio can be submitted in digital form (presentation) if the examiner consents.

(3) Electronical supported examinations (e-Klausuren) are allowed, if they are able to show the proof written in Article 7 Paragraph 5. If necessary, they can be combine with other types of examinations. Two examiners should work out multimedia examination frameworks. They should contain free word problems, cloze tests and assigning and multiple-choice tasks. Before starting the e-Klausur the examiners need to ensure and proof to the examination board that the results of the exams can be assigned unmistakably and permanently to the candidates. Technical IT-support is to be guaranteed all the time during the examination if necessary. The examination must be

performed in presence of a technically competent person who has to make notes of the progress of the examination in which there should be written at least the names of the competent person, the candidates, beginning and the end of the examination as well as any special incidents. The candidates have the right to inspect the multimedia-supported examination and their results. The task including the model solution, the scheme of marks, the single results and the notes should be archived according to the legal requirements.

(4) A multiple-choice exam occurs when the only requirement is to mark right or wrong answers. Multiple-choice exams are only permitted when they are suitable to give evidence for the achievement of the goals according to Article 7 Paragraph 7.

A multiple-choice exam has to be prepared by two examiners. They have to select the examination material, formulate the questions and determine the potential answers.

Further, they develop a grading system according to sentences 9 and 10 and apply this scheme following the examination.

Examination questions have to be unequivocally understandable, unambiguously to answer and suitable to indicate clearly the state of knowledge of the candidates.

The requirements to pass the examination have to be determined in advance.

In advance of the first application of a multiple-choice exam, the examiners have to present a description of the examination to the responsible examination board, proving the eligibility according to sentence 2.

They further have to consign the following documents to the responsible examination board:

- the selected questions,
- the potential answers and
- the grading system according to Articles 9 and 10.

The examination is considered passed when a minimum of 60% (pass mark) of the examination questions have been answered correctly or when the number of the correctly answered questions is not below 22% of the average results of the candidates.

The achievements have to be evaluated as follows:

In the case that the relevant minimum number of correctly answered questions was achieved, the marks are set considering the correctly answered questions beyond the minimum number:

- excellent (1.0; 1.3) minimum 75% correct answers;
- good (1.7; 2.0; 2.3) minimum 50% - less than 75% correct answers;
- satisfactory (2.7; 3.0; 3.3) minimum 25% - less than 50% correct answers;
- sufficient (3.7; 4.0) no or less than 25% correct answers.

In the case that a written examination was only partly performed as multiple-choice examination, the final grade of the examination has to be calculated as weighted mean of the two individual examination parts. The weighting takes into account the intended processing time for both individual parts or the proportion of the total score of the exam.

(5) Written examinations in all examination subjects are evaluated by an examiner. The time for grading the examination should not exceed four weeks.

10

Oral Module Examinations

(1) Oral examinations are conducted as individual examinations or as group examinations with a maximum of 5 students. The length of the oral examination is at least 15 at the most 30 minutes for each candidate.

(2) An oral portfolio examination consists of a presentation and discussion of a structured collection of materials that has been selected on one's own for the examination topic (e.g. documents, graphics, notes from courses stemming from the time of study

in the respective module. The presentation and discussion within an oral portfolio examination take at least 15 at the most 30 minutes.

(3) Oral module examinations are held by two examiners or by one examiner and one assessor.

(4) The examiners assign the grade immediately after the oral module examination. They are urged to agree upon a common grade. If they cannot come to an agreement, then the vote of the chairperson of the examination commission decides.

(5) An oral module examination is failed if the performance in the examination is graded less than „sufficient“ (4.0). The examination result has to be reported to the candidate right after the oral examination. In case of failure, the candidate has to be provided with the reasons for not passing.

(6) The oral module examination has to be documented in the minutes and must be signed by the examiners. The minutes must include the following:

1. the names of the examiners as well as of the candidate,
2. the time at the beginning and end of the exam,
3. the most important contents of the examination, and
4. the grade assigned.

(7) Students, who intend to take the same examination at a later examination date, can be admitted as listeners if the candidate did not object to this in the application for the examination. However, admission does not include the consultation and announcement of the examination results. If a proper conduction of the examination is not warranted, the examiners must exclude the public.

(8) At the request of students, the sexual equality representative of the faculty can be present during an oral module examination.

(1) Presentations can be held in oral (e.g. presentation or supplementary report) or in written form (e.g. poster, powerpoint presentation etc.).

(2) With a presentation the student should show that he or she is able to elaborate a topic in a specific time with the methods of this specialist field and is able to present and discuss the result of his or her elaboration to and with a scientific audience. It can be also required to write an essay about this topic. A supplementary report introduces into the discussion about a presentation with summary, critique, and points of discussion. The form of the presentation is also part of the grading. In case of oral presentation minutes shall be recorded. Paragraph 10 clause 6 is to be applied accordingly.

(3) Oral presentations should be hold in a time frame from 15 to 45 minutes. Co-reports should have a duration of 5 Minutes.

12

Scope of the Program, Modules

(1) Addresses Bachelor, does not apply.

(2) A total of 120 credit points must be earned for the successful completion of the master program Environmental Sciences. The necessary time in hours per semester (SWS) for the courses leading to a master's degree encompasses a total of 69.5 to 76.5 SWS for the compulsory modules and elective modules. Of these, 36.5 SWS are assigned to the compulsory modules and 33 to 40 SWS to the elective modules. There are eight groups of elective modules: Environmental Analytics (ANA), Applied Ecology (AÖK), Socioeconomics & Environmental Management (SÖU), Aquatic Systems (AQU), Soil Systems (SOS), Countryside & Scales (LAS), Chemicals in the Environment (CHE), and Modelling (MOD). Students must elect two of them as deepening modules. In all of the eight groups there are five different modules, four of them must be chosen. In addition, there must be elected another module as an extra module with 2 to 6 SWS. Students can choose if they want to elect this module from one of their deepening modules or from another of the eight groups. Therefore, altogether 9 elective modules with a total of 33 SWS up to 40 SWS must be chosen:

1. Compulsory modules:

	SWS	CP
B1: Sustainability and Global Change	4	4
B2: Tools for Complex Data Analysis	4.5	6
B3: Fate and Transport of Pollutants	4	6
B4: Land Use and Ecosystems	4	6
B5: Environmental Economics	4	6
INT: Research and Training Internship	16	8

2. Elective modules:

	SWS	CP
ACP1: Water Analysis	4	6
ACP2: Biogeochemical Interfaces	5	6
ACP3: Current Developments in Environmental Chemistry	4	6
ACP4: Methods in Environmental Physics	4	6
ACP5: Process Modelling	4	6
ACP6: Environmental Physics II	4	6
CHE1: Advanced Organic Chemistry	3	6
CHE2: Physical Chemistry	4	6
CHE3: Green Chemistry	2	6
LAB1: Basic Lab Course Environmental Chemistry	5	6
LAB2: Advanced Lab Course Environmental Chemistry	5	6
AÖK1: Indicator Organisms	4	6
AÖK2: Community Ecology	4	6
AÖK3: Quantitative Experimental Ecology	4	6
AÖK4: Molecular Ecology I	4	6
AÖK5: Molecular Ecology II	4	6
AÖK6: Conservation Biology	4	6
GEO1: Human-Environment Systems	4	6
GEO2: Applied Geoecology I	4	6
GEO3: Applied Geoecology II	4	6
GEO4: Geosystems	4	6
GEO5: Landscape Planning	4	6
GEO6: Soil Chemistry	4	6
SÖU1: Sustainability and Society	4	6
SÖU2: Environmental Policy and Law	4	6
SÖU3: Environmental Life Cycle Analysis	4	6
SÖU4: Environmental Management	4	6
SÖU5: Environmental Cost-Benefit Analysis	4	6
SÖU6: Public and Media	4	6
SÖU7: Business Administration for Environmental Scientists	4	6
SÖU8: Environmental Psychology	4	6
MOD1: Environmental Modelling II	4	6
MOD2: Models in Ecotoxicology	5	6
ETX2: Principles of Ecotoxicology	4	6
Master thesis with colloquium		30

The allocation of the elective modules in the eight compulsory optional subjects can be seen from the annex.

(3) A total of 120 credit points must be earned for the successful completion of the master program Ecotoxicology. The necessary time in hours per semester (SWS) for the courses leading to a master's degree in ecotoxicology encompasses a total of 95.5 to 100.5 SWS for the compulsory modules and elective modules. Of these, 90.5 SWS are assigned to the compulsory courses and 5 to 10 SWS to the two modules that must be chosen from the elective modules.

1. Compulsory modules:

	SWS	CP
ETX1: Fate and Transport of Pollutants	4	6
ETX2: Principles of Ecotoxicology	4	6
ETX3: Tools for Complex Data Analysis	4.5	6
ETX4: Environmental Chemistry Lab Course (Basic OR Advanced)	5	6
ETX5: Toxicology and Pharmacology	4	5
ETX6: Methods in Ecotoxicology	9	9
ETX7: Molecular Ecology I	4	4
ETX8: Models in Ecotoxicology,	7	8
ETX9: Risk Assessment and Management	5	6
AMEO: Applied Module at External Organisations	20	10
RPC: Research Project Course	24	12

2. Elective modules:

	SWS	CP
ACP1: Water Analysis	4	6
ACP2: Biogeochemical Interface,	5	6
ACP3: Current Developments in Environmental Chemistry	4	6
ACP5: Process Modelling	4	6
ACP6: Environmental Physics II	4	6
CHE1: Advanced Organic Chemistry	3	6
CHE2: Physical Chemistry	4	6
CHE3: Green Chemistry	2	6
LAB2: Advanced Lab Course Environmental Chemistry	5	6
AÖK1: Indicator Organisms	4	6
AÖK2: Community Ecology	4	6
AÖK3: Quantitative Experimental Ecology	4	6
AÖK5: Molecular Ecology II	4	6
AÖKE: Land Use and Ecosystems	4	6
GEO2: Applied Geoecology I	4	6

	SWS	CP
GEO3: Applied Geoecology II	4	6
GEO4: Geosystems	4	6
GEO5: Landscape Planning	4	6
GEO6: Soil Chemistry	4	6
SÖU2: Environmental Policy and Law	4	6
SÖU3: Environmental Life Cycle Assessment	4	6
SÖU5: Environmental Cost-Benefit Analysis	4	6
SÖUE: Environmental Economics	4	6
Master thesis	30	

II. Examination

13

Aim, Scope, and Form of the [...] Master Examination

(1) and (2) do not apply.

(3) The purpose of the master examination is to determine if the candidate is capable of linking together specialist knowledge acquired in the program with a research-oriented perspective and to apply this knowledge in order to deal with specific problems of the field.

(4) The master examination consists of the following examination components:

1. the module examinations during the course of study in accordance with Article 12, Paragraph 3 and
2. the written master thesis.

(5) In reference to course and examination achievements, it is necessary to consider the special needs of handicapped students so that equal opportunity is ensured. If the candidate can provide evidence that he or she is not able to take the examination in the prescribed form in total or in part because of a permanent or long-term physical handicap, the chairperson of the examination board can allow an extension of the prescribed examination period or allow him or her to take an equivalent examination

in another form. The student can be requested to submit a medical certificate. The same applies to required coursework.

(6) Only those students can be admitted to an examination or to an assessment who are enrolled in the [...] master program Environmental Sciences or Ecotoxicology at the University of Koblenz-Landau at the time of the examination and are not on leave at that time.

14

Registration for and Admission to the [...] Master Examination

(1) The application for admission to the [...] master examination must be submitted together with the registration for the first module examination. The application can be submitted in writing or electronically to the examination board.

(2) The following must be enclosed in the application for admission to the [...] master examination, respectively declared in the case of application by electronic mail:

1. a declaration if the candidate has ever irrevocably failed a [...] master examination in the same master program at a German university or if he or she is engaged in an ongoing examination process at a German university.
2. a declaration if and - if applicable – how often the candidate has already failed an examination in the same [...] master program or in other programs at a German university.

In the declaration pursuant to No. 2, in the case of simultaneous study in another university program the candidate must assure that she or he will immediately provide in writing to the examination board information concerning the commencement and completion of the examination procedure as well as any failures in the examination or in other performance assessments in this other program.

(3) Admission to the [...] master examination will be refused if

1. the application for admission was not submitted before the closing date,

2. the documents required under Paragraph 2 are incomplete and, even after an additional respite granted to the student, still are not handed in completely by the closing date,
 3. the candidate is not enrolled in the [...] master program Environmental Sciences or Ecotoxicology at the University of Koblenz-Landau, Campus Landau,
 4. the candidate has irrevocably failed the master examination in the same program at another German university.
- (4) Admission to the [...] master examination can be denied if the candidate is engaged in an ongoing examination process at another German university.
- (5) If the candidate is not able to deliver the documents specified under Paragraph 3 in the prescribed way, the chairperson of the examination board can permit the candidate to provide evidence in another form.

15

[...] Master Thesis

(1) does not apply.

- (2) The master thesis is a written examination that should demonstrate the candidate's ability to plan a methodically sound research project for a specified topic in the area of [...] environmental sciences or ecotoxicology and to deal with it within the time specified under Paragraph 7.
- (3) Responsibilities of the supervisor of the [...] master thesis include guiding the candidate in the preparation of the master thesis and keeping himself or herself informed about the progress of the thesis on a regular basis.
- (4) The supervision of the [...] master thesis is assumed by a person belonging to the authorized examiners under Article 4, Paragraph 1. In special cases, the master thesis can be written at an institution that does not belong to Faculty 7 Natural and Environmental Sciences of the University of Koblenz-Landau and can be supervised by an authorized examiner at that institution. One of the supervisors must be a member of Faculty 7. The decision per Clause 2 is made by the examination board at the written

request of the suggested supervisor who concurrently names the other authorized examiner as specified by Article 4, Paragraph 1.

(5) The candidate is notified of the topic of the [...] master thesis by the supervisor via the examination board; Article 14, Paragraph 3 applies accordingly. The date that the topic was assigned must be put on record by the examination board. [...] The master thesis can be issued after the end of the third semester of study in the program. It can only be issued if the candidate has earned at least 90 of the credit points specified in Article 12, Paragraph 2 or 3. Upon application, the examination board ensures that the candidate is issued a topic for the master thesis in good time.

(6) The master thesis in the master program Environmental Sciences can be written either in German or in English. [...] The master thesis in the master program Ecotoxicology must be written in English. The application for preparation of the [...] master thesis [...] in the master program Environmental Sciences in English language should be submitted together with the written consent of the supervisor in the context of the application for [...] the master thesis.

(7) [...] The time allotted to complete the master thesis is 6 months. Upon application for an extension by the candidate, the period may be extended by the examination board in agreement with the supervisor maximally up to one month. The normal length of the prescribed period of study should not be exceeded.

(8) The topic, content, and length of the master thesis are to be determined in such a way by the supervisor so that it is possible for the candidate to complete the thesis within the allotted time period. The topic can be rejected only once and only during the first two weeks after beginning the thesis. A new topic must be issued as soon as possible, but at the latest within four weeks.

(9) The candidate submits three copies of the bound [...] master thesis as well as an electronical version as pdf-data without copy security and as word data on a CD-ROM to the examination board within the prescribed time; the candidate must declare in written that he or she has independently written the thesis and has used neither no other sources nor aid than those stated. The time and date of submission of the the-

sis must be recorded. If the master thesis is not handed in on time, it will be graded as “failing” (5.0).

(10) The examination board forwards the master thesis to the supervisor as first examiner. The board appoints a further examiner from the authorized examiners as laid down in Article 4, Paragraph 1 as co-examiner. At least one of the examiners must be a professor of Faculty 7: Natural and Environmental Sciences of the University of Koblenz-Landau.

(11) If the grades of the two examiners differ up to one complete grade (=1.0), then the final grade is calculated as the average of the two individual grades. If the difference between the grades given by the two examiners is more than one complete grade (> 1.0) or if one of the examiners gives the grade „failing “, then the chairperson of the examination board appoints a third examiner. Based on the three verdicts, the chairperson of the examination board determines the final grade. The assessment procedure should not exceed six weeks. [...] Thirty credit points are awarded for a master thesis that has received at least a grade of „sufficient (4.0)“.

(12) The [...] master thesis is failed if the final grade is less than ”sufficient” (4.0). A thesis that has been failed can be repeated once. The examination board sees to it that the candidate receives a new topic within six weeks of receiving notification. Returning a topic within the time period specified under Paragraph 8, Clause 2 is only possible if the candidate did not make use of this possibility at the first attempt. A second repetition of the [...] master thesis is precluded.

(13) As a rule, the [...] master thesis includes a colloquium. After being issued the topic and before submitting the thesis, the candidate participates in a colloquium, in which he or she presents the topic, questions, goals, and methodology of the work and discusses them with other candidates. The colloquium is normally offered by a supervisor or several supervisors [...] at the end of the third or the beginning of the fourth semester of study in the respective master program with the purpose to provide advice to the candidates. As a rule, the colloquium is held in the framework of official meetings of the project group, in which the [...] master thesis is to be written. The colloquium can be held also after the master thesis is written.

Passing and Failing, Retaking the [...] Master Examination

(1) The [...] master examination is passed if the module examinations and the [...] master thesis have each been graded at least “sufficient” (4.0) and [...] 120 credit points as stipulated by Article 12, Paragraph 2 and 3 have been awarded in the respective master program .

(2) Examination achievements which have been graded as failed in the same or in a comparable master program at another German or foreign university are to be counted as a failed attempt in reference to the maximum number of permitted exam repetitions. Further, failed examinations in modules or in examination subjects of another program at a German or foreign university count as failed attempts if the examination requirements are essentially equivalent to or lower than those of the [...] master program Environmental Sciences or Ecotoxicology.

(3) It is not possible to retake a passed examination.

(4) If it is not possible to pass or repeat a required examination, then the [...] master examination is considered irrevocably failed, and a continuation of studies in this program is no longer possible.

(5) If the [...] master examination is failed, then the examination board informs the candidate of this in writing including information if and – when applicable – to which extent and within which time frame the examination can be repeated. The official notification of the failure of the master examination must contain an instruction on right to appeal.

Optional Subjects and Voluntary Coursework

(1) The candidate can take an examination in other subjects than those required (optional subjects). The results of the examination in these subjects are not counted toward the overall grade.

(2) The candidate can request that voluntary coursework be entered on the master certificate without stating grades. This also applies to internships outside of the university.

18

Grading Examinations,
Calculating Final Grades and Overall Grade

(1) The following grades are to be used for the evaluation of module examinations:

- | | |
|------------------|---|
| 1 = excellent | = an outstanding result; |
| 2 = good | = a result which lies considerably above the average requirements; |
| 3 = satisfactory | = a result which corresponds to the average requirements; |
| 4 = sufficient | = a result which still fulfils the minimum requirement, despite its deficiencies; |
| 5 = failing | = a result which does not fulfil the minimum requirements because of considerable deficiencies. |

For a more differentiated grading of examination results, it is possible to use grades that lie 0.3 points above or below the full grade; however, the grades 0.7, 4.3, 4.7, and 5.3 are not allowed.

(2) To calculate the overall grade of the [...] master examination, the grades for the module examinations in accordance with [...] Article 12, Paragraph 2 and 3 and the mutual grade of the [...] master thesis are multiplied with the respective credit points, summed up, and divided by the total number of considered credit points. The overall grade calculated in this manner is

excellent	from grade 1.0 to 1.5
good	from grade 1.6 to 2.5
satisfactory	from grade 2.6 to 3.5
sufficient	from grade 3.6 to 4.0
failing	over 4.0

(3) In calculating the overall grade, only the first decimal place behind the decimal point will be considered; all further decimal places are deleted without rounding.

19

Examination Certificate, Diploma, Diploma Supplement

(1) Upon passing the [...] master examination, the candidate will receive immediately, or within four weeks at the latest, his or her certificate of the obtained grades of the [...] master thesis, grades of the module examinations, and the overall grade. The certificate also includes the title of the [...] master thesis. Further, the certificate shows how long the student needed to complete the program including the master examination. In addition, the ECTS-Degree corresponding to the overall grade together with the appropriate ECTS definition in accordance with the assessment scheme of the European Credit Transfer System in effect at that time are certified. Furthermore, upon the request of the candidate, the examination results in the optional subjects as well as voluntary coursework can be declared in the certificate.

(2) The certificate bears the date of the last examination. The certificate is to be signed by the chairperson of the examination board and the dean of Faculty 7: Natural and Environmental Sciences and shall be stamped with the official faculty seal.

(3) At the same time the certificate is issued, the candidate receives his or her diploma awarding the degree [...] "Master of Science (M.Sc.)". The diploma bears the same date as the examination certificate. It is signed by the chairperson of the examination board and the dean of Faculty 7 and is stamped with the official seal.

(4) In addition, the graduate receives a Diploma Supplement (DS) in accordance with the "Diploma Supplement Model" of the European Union/ European Council/ UNESCO. A description of the national higher education system (DS-Article 8) is to be provided in accordance with the currently valid text, which has been jointly approved by the Standing Conference of the Ministers of Education and Cultural Affairs of the Länder in the Federal Republic of Germany and the Association of German Universities and other Higher Education Institutions. The version in effect can be found under <http://www.hrk.de> (search for "Diploma Supplement"). In particular, the

diploma supplement contains information about the institution of higher learning, the type of degree, the course of studies, admission requirements, program requirements, and the schedule of studies as well as information about the German system of higher education. The diploma supplement also states the names of cooperation partners involved in the master program. It is to be signed by the chairperson of the examination board.

(5) Certificate, diploma, and diploma supplement are to be issued in German and English.

(6) Upon request and upon submission of the respective documents, students who leave the university without having acquired a degree or who continue their studies in another program at the university can be issued a certificate that gives a summary of their study credits and examination results. The request must be submitted in writing to the dean of the faculty together with the necessary documents.

III. Final Provisions

20

Absence, Withdrawal, Cheating, Violation of Regulations

(1) If the candidate does not appear for a scheduled examination without good reason or if he or she withdraws from the examination without good reason after having commenced the examination, the respective examination achievement will be graded as “failing” (5.0).

(2) The reasons given for withdrawal or absence and proof thereof must be submitted in writing without delay to the examination board. In the first case of illness of the candidate, a medical certificate is required and as of the second case of illness of a candidate a special medical certificate issued by a doctor which provides information about kind and duration of the illness, dates of medical survey, the way of medical treatment and which influences the illness has on examinations or a certificate by a

public health officer is required. The illness of a child that is primarily cared for by the candidate is treated the same as an illness of the candidate. If the reasons are accepted, a new examination date is set.

(3) If the candidate discontinues an oral examination without the consent of the examiner and without good reason, the examination will be graded „failing“ (5.0).

(4) Failing to fulfil the prerequisites for admittance to the examination does not relieve the candidate from the duty to officially withdraw from the examination he or she has registered for before the deadline.

(5) If the candidate attempts to influence the results of the examination through deception or the use of prohibited materials, the examination shall be marked as “failing” (5.0). In serious cases, the examination board can exclude her or him from taking further examinations.

(6) If the candidate disturbs the orderly course of an examination, he or she can be expelled from the examination by the respective examiner; in this case the result of the examination is graded "failing" (5.0) In addition, in serious cases the examination board can exclude the candidate from taking further examinations.

(7) Candidates must be immediately informed in writing of unfavourable decisions and the reasons for them. This notification must include the instruction on right to appeal the decision. Before making a decision pursuant to Paragraph 5, Clause 2, the candidate must receive the opportunity to be heard in defence.

21

Invalidation of the [...] Master Examination

(1) If the candidate has been found guilty of deceptive practices in an examination and this only becomes evident after the certificate has been issued, then the examination board can retrospectively correct the grade for that examination, in which the candidate has cheated, and can declare the examination failed in total or in part. The examiners shall be heard prior to the decision.

(2) If the prerequisites for admission to the examination were not fulfilled without deceitful intent on the part of the examinee and this becomes known only after the certifi-

icate has been issued, then this default is considered cured if the candidate passes the examination. If there is evidence that the candidate planned to be admitted without fulfilling the prerequisites, then the examination board makes the decision under consideration of the Administrative Procedures Act of the Land (Landesverwaltungsverfahrensgesetzes).

(3) Before the decision is made, the candidate has the opportunity to be heard.

(4) The incorrect examination certificate and the diploma supplement are to be rescinded and new ones re-issued, as necessary. Further, the diploma pursuant to Article 18, Paragraph 3 shall be rescinded if the [...] master examination is declared „failed“ because of deception on the part of the candidate. A decision in accordance with Paragraph 1 and 2 cannot be pronounced after a period of five years after the date of the examination certificate.

22

Inspection of Examination Records

(1) The candidate can obtain information on the results (grades) of his or her course-work and examinations from the examination board before completion of the [...] master examination.

(2) Upon written request, the candidate is granted access to his or her examination records including the [...] master thesis and the respective evaluations as well as the minutes of the examination. Candidates have the right to access information even if they have not yet finished the master examination.

(3) The request must be filed at the examination board within one year after taking the examination. The chairperson sets the date and place for the inspection of the examination records.

(4) Results of course-work and examinations except for the master thesis will be archived for two years after the date of the last exam part (date of the Examination Certificate) and can be surrendered to the graduates after this time. If graduates do not collect the documents in question from the examination office until two and half years

after the date of the last exam, all papers will be destroyed. Regulations for archiving of certificates, diplomas, and Diploma Supplements remain unaffected.

23

Commencement of the Regulations

These regulations come into effect on the day after their publication in the „Staatsanzeiger für Rheinland-Pfalz“ (Government Bulletin).

Landau, July 14, 2015

The Dean of Faculty 7:
Natural and Environmental Sciences
Prof. Dr. Gabriele E. Schaumann

Appendix to Article 6, Paragraph 3 and Article 7, Paragraph 2:

Modular Structure of the Master Program Environmental Sciences

The master program encompasses altogether 120 credit points (CP). Of these,

- 36 CP - are allocated to the compulsory modules
- 48 CP - to the two elective subjects (8 elective modules)
- 6 CP - to the free elected extra module
- 30 CP - to the master thesis

Module	Title	Credit Points	Partial Module Examination	Course-work	Participation / Admission Requirements
Compulsory modules					
B1	Sustainability and Global Change	4	Written	x	
B2	Tools for Complex Data Analysis	6	Written		The participation in the course b) „Multivariate and Probabilistic Approaches“ requires the participation in the course a) „Study Design and Univariate Statistical Approaches“
B3	Fate and Transport of Pollutants	6	Written		
B4	Land Use and Ecosystems	6	Written	x	
B5	Environmental Economics	6	Written & presentation	x	
INT	Research and Training Internship	8	Written & presentation		
Elective modules (9 modules):					
ACP1	Water Analysis	6	Written		Successfully passed module examinations B2 and B3
ACP2	Biogeochemical Interfaces	6	Written & oral		Successfully passed module examinations B2 and B3
ACP3	Current Developments in Environmental Chemistry	6	Written & presentation		
ACP4	Methods in environmental physics	6	Written		
ACP5	Process modelling	6	Written		
ACP6	Environmental Physics II	6	Written		
CHE1	Advanced Organic Chemistry	6	Written		
CHE2	Physical Chemistry	6	Written		

CHE3	Green Chemistry	6	Written		
LAB1	Basic Lab Course Environmental Chemistry	6	Written		Successfully passed module examinations B2 and B3
LAB2	Advanced Lab Course Environmental Chemistry	6	Written		Successfully passed module examinations B2 and B3
AÖK1	Indicator Organisms	6	2 partial examinations; each written oral or as presentation		
AÖK2	Community Ecology	6	Written		
AÖK3	Quantitative Experimental Ecology	6	Written & presentation		
AÖK4	Molecular Ecology I	6	Written & oral		
AÖK5	Molecular Ecology II	6	Written & presentation		Successfully passed module examination AÖK4
AÖK6	Conservation Biology	6	Written		
GEO1	Human-Environment Systems	6	Written		
GEO2	Applied Geoecology I	6	Written & presentation		
GEO3	Applied Geoecology II	6	Written & presentation		
GEO4	Geosystems	6	Written		
GEO5	Landscape Planning	6	Written		
GEO6	Soil Chemistry	6	Written		Successfully passed module examinations B2 and B3
SÖU1	Sustainability and Society	6	Written & presentation	x	
SÖU2	Environmental Policy and Law	6	Written & presentation	x	
SÖU3	Environmental Life Cycle Assessment	6	Written & presentation	x	
SÖU4	Environmental Management	6	Written & presentation	x	
SÖU5	Environmental Cost-Benefit Analysis	6	Written & presentation	x	
SÖU6	Public and Media	6	Written & presentation		

SÖU7	Business Administration for Environmental Scientists	6	Written		
SÖU8	Environmental Psychology	6	Written	x	
MOD1	Environmental Modelling II	6	Written & presentation		
MOD2	Models in Ecotoxicology	6	Written		
ETX2	Principles of Ecotoxicology	6	Oral		
	Master thesis with colloquium	30			
Credit points (total)		120			

Allocation of the Elective Modules to the Elective Subjects

Modules	Elective subjects							
	ANA	AÖK	SÖU	AQU	SOS	LAS	CHE	MOD
ACP1	x			x				
ACP2	x				x	x		
ACP3				x	x		x	
ACP4				x				
ACP5				x			x	x
ACP6				x				
CHE1							x	
CHE2	x						x	
CHE3							x	
LAB1	x						x	
LAB2	x						x	
AÖK1		x		x		x		
AÖK2		x						
AÖK3		x						
AÖK4		x						
AÖK5		x						
AÖK6		x				x		
GEO1			x					x
GEO2	x				x			
GEO3					x	x		
GEO4					x			
GEO5						x		
GEO6	x				x			
SÖU1			x			x		
SÖU2			x					
SÖU3			x					x
SÖU4			x				x	
SÖU5			x	x	x	x		
SÖU6			x					
SÖU7			x					
SÖU8			x					
MOD1						x		x
MOD2							x	x
ETX2		x		x			x	x

Modular Structure of the Master Program Ecotoxicology

The master program encompasses altogether 120 credit points (CP). Out of these

78 CP - are allocated to the compulsory modules

12 CP - to the elective modules

30 CP - to the master thesis

As to the elective modules, two modules must be chosen.

Modules	Title	Credit Points	Partial module examination	Course-work	Participation / Admission Requirements
Compulsory modules					
ETX1	Fate and Transport of Pollutants	6	Written		
ETX2	Principles of Ecotoxicology	6	Written		
ETX3	Tools for Complex Data Analysis	6	Written		The participation in the course b) „Multivariate and Probabilistic Approaches“ requires the participation in the course a) „Study Design and Univariate Statistical Approaches“
ETX4	Lab Course Environmental Chemistry	6	Written		Successfully passed module examinations ETX 1 and ETX 3
ETX5	Toxicology and Pharmacology	5	Written		
ETX6	Methods in Ecotoxicology	9	Written		Successfully passed module examinations ETX 2 and ETX 3
ETX7	Molecular Ecology I	4	Written & oral		
ETX8	Models in Ecotoxicology	8	Written		Successfully passed module examination ETX 6
ETX9	Risk Assessment and Management	6	Written		Successfully passed module examination ETX 6
AMEO	Applied Module at External Organisations	10	Written & presentation		
RPC	Research Project Course	12	Written & presentation		
Elective modules (2 modules):					
ACP1	Water Analysis	6	Written		Successfully passed module examinations ETX 1 and ETX 3
ACP2	Biogeochemical Interfaces	6	Written & oral		Successfully passed module examinations ETX 1 and ETX 3
ACP3	Current Developments in Environmental Chemistry	6	Written & presentation		
ACP5	Process modelling	6	Written		

ACP6	Environmental Physics II	6	Written		
CHE1	Advanced Organic Chemistry	6	Written		
Modules	Title	Credit Points	Partial module examination	Course-work	Participation / Admission Requirements
CHE2	Physical Chemistry	6	Written		
CHE3	Green Chemistry	6	Written		
AÖK1	Indicator Organisms	6	2 partial examinations; each written oral or as presentation		
AÖK2	Community Ecology	6	Written		
AÖK3	Quantitative Experimental Ecology	6	Written & presentation		
AÖK5	Molecular Ecology II	6	Written & presentation		
AÖKE	Land Use and Ecosystems	6	Written	x	
GEO2	Applied Geoecology I	6	Written & presentation		
GEO3	Applied Geoecology II	6	Written & presentation		
GEO4	Geosystems	6	Written		
GEO5	Landscape Planning	6	Written		
GEO6	Soil Chemistry	6	Written		Successfully passed module examinations ETX 1 and ETX 3
SÖU2	Environmental Policy and Law	6	Written & presentation	x	
SÖU3	Environmental Life Cycle Assessment	6	Written & presentation	x	
SÖU5	Environmental Cost-Benefit Analysis	6	Written & presentation		
SÖUE	Environmental Economics	6	Written & presentation	x	

	Master thesis with colloquium	30			
Credit points (total)		120			