Examination Regulations (Rules) of the Faculty of Agricultural and Nutritional Sciences and the Faculty of Mathematics and Natural Sciences at Christian-Albrechts-Universität zu Kiel (Kiel University) for the "Environmental Management" degree programme leading to a Master of Science degree (M.Sc.) - 2020 (Degree-specific examination regulations (FPO) Environmental Management - 2020)

of 14 February 2020

Version published on 8 April 2020 (NBl. HS MBWK Schl.-H. 2020, p. 13), amended by the statute of 20 May 2021, version published on 16 July 2021 (NBl. HS MBWK Schl.-H. p. 50), amended by the statute of 15 July 2021, version published on 27 September 2021 (NBl. HS MBWK Schl.-H. p. 68), amended by the statute of 18 November 2021, version published on 16 December 2021 (NBl. HS MBWK Schl.-H. p. 94), amended by statute of 10 February 2022, published on 21 April 2022 (NBl. HS MBWK Schl.-H. p. 21)

[non official publication]

Based on § 52 (1) 1 of the Schleswig-Holstein Higher Education Act (HSG) in the version published on 5 February 2016 (GVOBl. Schl.-H. p.39), last amended by the law of 13 December 2019 (GVOBI. Schl.-H. p. 612), after a resolution was passed by the Conventions of the Faculty of Mathematics and Natural Sciences and the Faculty of Agricultural and Nutritional Sciences of 22 January 2020 and a fast-track decision by the Deans of the Faculty of Mathematics and Natural Sciences and the Faculty of Agricultural and Nutritional Sciences of 30 January 2020, the following Rules were issued:

Table of contents

Annex 6a	Degree programme for CAU students in the second semester at the UAM
Annex 7	Degree programme for UAM students in the third semester at the CAU
Annex 8	Grading systems at the UAM and CAU
Annex 9	Annex No. 4 to the Memorandum of Understanding concerning a Strategic Partnership from July 8, 2013 between Adam-Mickiewicz-University, Poznań (Poland), and Kiel University, Kiel (Germany)

§ 1
Scope of application

(1) These degree-specific examination regulations (FPO) in conjunction with the Examination Procedure Regulations (Rules) of Christian-Albrechts-Universität zu Kiel for students of Bachelor's and Master's Degree Programmes (PVO) apply to the teaching and assessment of the Master's degree programme "Environmental Management" at Kiel University, and the Environmental Management degree programme within the scope of the Double Degree cooperation agreements with Adam-Mickiewicz-University, Poznań, Poland (hereafter referred to as UAM) or Irkutsk State University, Russia (hereafter referred to as ISU). For modules offered by other faculties or other institutes of the same faculty, in particular regarding admission and examinations, the examination regulations of the respective faculties or institutes apply.

(2) The study periods, conditions and regulations at the UAM apply for students studying at the UAM as part of the Double Degree cooperation agreement, if these are not specially regulated in the Double Degree cooperation agreement in Annex 9.

(3) The study periods, conditions and regulations at Irkutsk State University, Russia, apply for students studying at the ISU as part of the Double Degree cooperation agreement, if these are not specially regulated in the Double Degree cooperation agreement in Annex 5.

§ 2
Objectives of the degree programme

The degree programme is designed to enable students with basic experience of conducting interdisciplinary and international research projects to further develop these skills so that they are able to address issues on the sustainable development of the environment.

The Master's degree programme builds upon Bachelor's degree programmes in accordance with Section 4 (1) 2 and is designed to expand these further on an interdisciplinary basis.

The students are to learn how to analyse environmentally relevant challenges of sustainable development, taking into account social and economic aspects, in specialist interdisciplinary contexts and internationally mixed teams.

Using integrated and interdisciplinary approaches, they learn how to understand complex environmental problems and identify the relevant influencing factors and interactions.

They are to learn to assess the impact of environmental factors on natural resources in geographical and temporal terms by developing scientific hypotheses, research questions and objectives and selecting suitable research methods.

The students will be able to make sound scientific statements based on the skills they acquire in using suitable data entry and evaluation methods.

In particular, the Master's degree programme is designed to provide and further develop training in scientific methodology and the following skills:

(1) ***Internationality*** - the ability to use scientific methods to analyse problems of sustainable environmental management and develop strategies to promote sustainable development in a group of diverse specialist, linguistic and cultural backgrounds.

(2) ***Interdisciplinarity*** - the ability to understand concepts and methods of various disciplines of environmental sciences and to use these for the purpose of scientifically sound and sustainable environmental management.

(3) ***Project management*** - the ability to work in teams to develop and carry out sustainable environmental management projects in the field of research.

(4) ***Research activity*** - the ability to design and implement a suitable natural sciences-based approach to successfully process environmental research questions.

§ 3
Academic title

1. If the Master's course is completed with at least an overall mark of "sufficient", the Faculty of Agricultural and Nutritional Sciences and the Faculty of Mathematics and Natural Sciences award the degree of Master of Science (M.Sc.).
2. This also applies to students who have studied according to the ISU-CAU double degree programme, in addition to the Master's degree in Environmental Management awarded by Irkutsk State University.
3. This also applies to students who have studied according to the UAM-CAU double degree programme, in addition to the Master's degree in Environmental Protection awarded by Adam-Mickiewicz-University.
4. In order to acquire the academic title in accordance with Number 2 and 3, a minimum of 30 ECTS credits must be obtained at the CAU.

§ 4
Admission to the Master's degree programme

(1) Prerequisites for admission to the Master's degree programme are:

1. Submission of a complete application for the aptitude test for the Master's degree programme within the deadlines set by Kiel University and announced on the Environmental Management degree programme's website. A project sketch according to Paragraph 2, a degree certificate according to Number 2 with a transcript of records or, if the degree certificate is not yet available at the time of application, a transcript of records with at least 120 ECTS credits and a provisional overall grade issued by the respective institution of higher education, is to be submitted with the application.
2. A degree covering a standard period of study of at least three years and totalling at least 180 ECTS credits at an institution of higher education in the Federal Republic of Germany or comparable foreign institution of higher education in natural sciences with environmental relevance, such as environmental sciences, agriculture and forestry, geography, engineering and economics with environmental relevance or a related subject, passed with an overall grade of at least 2.5 or among the top 10 per cent of the respective cohort.
3. Evidence of the required foreign language skills in accordance with the study qualification rules (Studienqualifikationssatzung) at Kiel University.
4. Submission of a motivational letter written in English, which meets the requirements set by the Examination Committee and disclosed to the candidates within the framework of the application, and presents:
   a) the specific abilities and interests on account of which the applicant considers him or herself particularly suited to this degree programme.
   b) the extent to which he or she was motivated to apply for this degree programme on the basis of the following aspects,
      aa) Bachelor's degree and/or previous professional and voluntary activities in the environmental field or
      bb) academic achievements such as awards, scholarships, scientific publications, or
      cc) experience gained abroad, e.g. work, study or work experience.
   c) how this Master's degree programme will enable the applicant to achieve his/her professional goals.
5. A practical activity in the field of environment management in Germany or abroad,

spanning at least 425 hours (equivalent to 3 months full-time), evidenced by work experience, volunteer work or professional work or comparable practical activities. The evidence of a practical activity can be exchanged for experience in the field of scientific research with a comparable scope to sentence 1 in the past five calendar years. Experience in the field of scientific research can be evidenced via cooperation in research projects, (co)initiation of a research project or successful publication of your own research results in scientific, peer-reviewed journals.

6. The ability to develop and clearly describe a project idea in a project sketch that can be further developed and implemented within the framework of the degree programme's designated compulsory module "Science Project 1". This requirement is met if the project sketch to be submitted according to Paragraph 1 (1) was awarded an overall grade of at least 2.0 in accordance with Paragraph 2.

(2) The project sketch follows the questions and number of characters set by the Examination Committee, which are disclosed to the candidates within the framework of the application.

The project sketch is assessed according to the following criteria:

a. Degree of topicality of the environmental problem and degree of focus on the field of research, implementation of measures or knowledge transfer.
b. Implementability at institutions involved in the Environmental Management degree programme or institutions working in cooperation with these institutions.
c. Implementability within the framework of the degree programme within one semester.
d. Traceability of the presentation of chosen objectives, methods used, resource requirements and expected environment-related results.
e. Scope of knowledge in the field of project management, especially in time- and resource-related planning.
f. Degree of understanding of subject-specific and methodological skills in the environmental field.

The project sketch shall be graded on a scale of 1 to 5 by members of the Examination Committee formed in accordance with Paragraph 6. Each member of the committee shall grade the project sketch independently of one another according to the criteria a) to b). On this scale 1 is the best grade and 5 is the worst. The overall grade of the project sketch is calculated from the arithmetic average of all the grades given by committee members, whereby the overall grade calculated is rounded to one decimal place. Grades shall be rounded down from 0.04 and rounded up from 0.05.

(3) The Recognition Rules apply for the decision regarding recognition of the degrees qualifying for a professional career and the recognition of coursework and examinations. An Examination Committee shall be set up, comprising members of the Examination Board of the Master's degree programme, excluding the student member, for all other decisions to be made according to these provisions as well as to determine whether a motivational letter was submitted. The Examination Committee can transfer decision-making powers to its individual members.

§ 5
Structure of curriculum for Environmental Management at Kiel University and the double degree programme Environmental Management

(1) The standard period of study for the Master's degree programme is four semesters, comprises 120 ECTS credits and usually 60 SWS (weekly 45-minute teaching units for the duration of one semester of about 12 weeks). The modules are grouped in the compulsory Section A (Scientific Basics in Environmental Management) and in the compulsory elective Sections B (Knowledge and Analysis), C (Scientific Methods) and D (Complementary Studies). The double degree programme differs from this in that some of the modules are completed at the partner university. As a result, there is the additional compulsory elective Section X for the UAM-CAU double degree and the additional compulsory elective Section Y for the ISU-CAU double degree (see tables in Section 5 (2) and (3)). The type and number of examinations for the modules are

listed in Annex 1a.

(2) The following specifications apply to the sections when studying "Environmental Management" at Kiel University without studying within the framework of the Double Degree cooperation agreements with the UAM or ISU (see Annexes 2, 2a, 3):

Section	Credits
Section A: Scientific Basics in Environmental Management	24
Section B: Knowledge and Analysis	42
Section C: Scientific Methods	12
Section D: Complementary Studies In Section D, 12 ECTS credits must be gained from graded Master's modules with content related to the degree programme in Environmental Management. Students can select modules from Sections B and C that have not already been taken as well as modules from the degree programme in Sustainability, Society and Environment within the framework of free capacities. The selection of other modules must be approved in advance by the Examination Board. Modules from other degree programmes covering the same content as modules which have already been completed, cannot be selected.	12
Section E: Master's thesis	30

The distribution of the sections with their respective credit points over the semester is shown in Annex 1.

(3) In order to participate in one of the double degree programmes with the ISU or UAM, CAU students must meet all the access requirements in accordance with the cooperation agreement with the respective institution of higher education (see Annex 5 and 9). Fulfilment of the requirements shall be determined by the respective joint Coordination Committee.

(4) The Master's degree programme within the framework of the UAM-CAU double degree programme involves a standard period of study of four semesters and covers 120 ECTS credits and usually 60 hours per week per semester (SWS). The following structure of curriculum applies to students participating in the UAM-CAU double degree programme (see Annexes 6, 6a and 7):

a. Kiel University students complete the second or fourth semester at their choice at the UAM, as per Annex 6a.
b. UAM students complete the third semester at the CAU, as per Annex 7.

The following specifications apply to the sections when studying "Environmental Management" at Kiel University within the framework of the Double Degree cooperation agreements with the UAM:

Section	Credits
Section A: Scientific Basics in Environmental Management	18
Section B: Knowledge and Analysis	24
Section X: Modules from the 2nd or 4th semester at the UAM "Environmental Protection"	30
Section C: Scientific Methods	6
Section D: Complementary Studies In Section D, 12 ECTS credits must be gained from graded Master's modules with content related to the degree programme in Environmental Management. Students can select modules from Sections B and C that have not already been taken as well as modules from the degree programme in Sustainability, Society and Environment within the framework of free capacities. Selecting other modules from the CAU's entire range of modules must be approved in advance by the Examination Board. Modules from other degree programmes covering the same content as modules which have already been completed, cannot be selected.	12

Section E: Master's thesis	30

(5) The Master's degree programme within the framework of the ISU-CAU double degree programme involves a standard period of study of four semesters and covers 120 ECTS credits and usually 60 hours per week per semester (SWS). The following structure of curriculum applies to students participating in the ISU-CAU double degree programme (see Annexes 2, 2a, 3):

a. CAU students complete the third semester or a different winter semester at choice at the ISU, as per Annex 2a.
b. ISU students complete the third semester at the CAU, as per Annex 3.

The following specifications apply to the sections when studying "Environmental Management" at Kiel University within the framework of the Double Degree cooperation agreements with the ISU:

Section	Credits
Section A: Scientific Basics in Environmental Management	18
Section B: Knowledge and Analysis	30
Section Y: Modules from the 3rd or a different winter semester at the ISU "Ecology and Environmental Management"	30
Section C: Scientific Methods	6
Section D: Complementary Studies In Section D, 6 ECTS credits must be gained from graded Master's modules with content related to the degree programme in Environmental Management. Students can select modules from Sections B and C that have not already been taken as well as modules from the degree programme in Sustainability, Society and Environment within the framework of free capacities. Selecting other modules from the CAU's entire range of modules must be approved in advance by the Examination Board. Modules from other degree programmes covering the same content as modules which have already been completed, cannot be selected.	6
Section E: Master's thesis	30

§ 6
Academic year

(1) The degree programme governed by these degree-specific examination regulations is structured by academic year, beginning with the winter semester. As a general rule, a course will be offered once annually. Courses which, according to the curriculum are planned for an odd-numbered semester, are generally offered in the winter semester. Courses which, according to the curriculum are planned for an even-numbered semester, are generally offered in the summer semester.

(2) Registrations for odd-numbered semesters are only possible in the winter semester and for even-numbered semesters only in the summer semester.

§ 7
Teaching and examination language

Lectures and examinations will be held in English.

§ 8
Examination Board

Contrary to the provisions of the Examination Procedure Regulations (PVO), the Examination Board consists of four members who are university lecturers, one member from the scientific personnel and two members from the student body. The people in the Faculty responsible for teaching matters, the degree programme and examinations are members with an advisory vote. The members of the Examination Board and their proxies are appointed by the

Conventions of the Faculty of Agricultural and Nutritional Sciences and the Faculty of Mathematics and Natural Sciences, constituted by persons involved in the degree programme.

§ 9
Examinations and module grades

(1) Examinations may consist, in particular, of term papers, projects, written examinations, protocols, seminar contributions, oral presentations, presentations and oral examinations.

(2) If a module examination consists of several examinations, the module grade will be calculated using the weighting of the individual grades indicated in Annex 1a, 3 and 7.

(3) The duration of an oral examination must be at least 15 minutes, but must not exceed 45 minutes. The duration of a written examination must be at least 30 minutes and no longer than 120 minutes.

(4) The grades shown in Annex 4, or their German equivalent, are to be used when grading examinations taken within the scope of the ISU-CAU double degree programme.

(5) The grades shown in Annex 8, or their German equivalent, are to be used when grading examinations taken within the scope of the UAM-CAU double degree programme.

(6) Examinations taken by students within the framework of a Double Degree cooperation agreement in accordance with Section 1 (2) or (3) are regarded as part of this degree programme and will be credited according to the cooperation agreement.

§ 10
Further prerequisites for admission to examinations

(1) If a module contains field trips and practical exercises, admission to the examination requires regular attendance at these courses.

(2) If a module includes courses that are not mentioned in (1), admission to the examination requires regular attendance at these courses, if the individual students cannot achieve the qualification objective without regular attendance, if attendance is necessary in order to grasp the essential subject-specific methods, or if acquiring competence is dependent on the presence of the other participants, or on being present at a certain place.

(3) This is the case for all seminars and field exercises. Regular attendance to seminars is necessary because the participants use scientific sources, make oral presentations based on these sources, and then discuss the contents scientifically with the other participants and the lecturers. These events are not only designed for the lecturers to pass on specialist scientific knowledge, instead the main goal is for the students to develop analytical skills, apply presentation techniques and to improve their discussion skills. Regular attendance is also necessary for field exercises because the individual students cannot achieve the qualification objective without regular attendance, attendance is necessary in order to grasp the basic subject-specific methods, or acquiring competence is dependent on the presence of the other participants or on being present at a certain place. The key focus of the field trip, after appropriate preparation through traditional teaching formats (lectures, exercises, practical exercises), is for students to explore unknown terrain (or a company/business), with the aim of giving the students insight into practical agricultural and nutritional sciences through an interesting course offer. Field exercises and field trips do not differ significantly regarding their key attributes, but rather, field exercises are comparable with the teaching format of the field trips, due to their defined nature as predominantly "practical-oriented field trips" in terms of § 52 (12) HSG.

(4) Attendance is considered regular if the student does not miss more than one date without giving reasons for the non-attendance. If other course dates, a maximum of 20% of all dates, however, are missed due to illness or for other important and justified reasons, the module coordinator can determine a substitute for those parts of the course that were missed, upon application by the student and in justified exceptional cases.

(5) Courses for which admission to the examination assumes regular attendance are marked in the annex. For all other courses, regular attendance is not required for admission to the examinations.

(6) Examination prerequisites in accordance with the annex may be requested for admission to the examinations. Individual details will be suitably announced at the start of the respective semester.

§ 11
Restriction of admission to compulsory or compulsory elective courses

(1) The number of places available for the individual courses will be determined by the Faculty Convention at the request of the module coordinator. If more students initially register for a course than there are places available, the Examination Board determines whether the remaining students can be accommodated through existing or additional courses.

(2) If it is not possible to accommodate all the remaining students, the course administrator will select a number of students from those registered for a degree programme in which the course is envisaged as part of the curriculum, who have promptly registered by the date stipulated by the course administrator and who satisfy the conditions of attendance. Preference is to be given to students whose number of semesters would be increased by non-admission. Equally ranked students will be selected by drawing lots. In order to avoid cases of hardship, the module coordinator may deviate from this procedure upon request.

§ 12
Master’s thesis

(1) When applying for admission to the Master’s thesis at Kiel University, the candidate is to propose a topic to the examiner. This does not automatically give rise to the claim for the proposal to be considered.

(2) The Master’s thesis will by supervised by university lecturers and private lecturers of Kiel University, who generally offer modules in the Environmental Management degree programme. In exceptional cases and with the consent of the Examination Board, the Master’s thesis may be prepared at an institution outside the University, provided that appropriate supervision of the candidate is available there. Supervision may also be provided by people working at the supervising facility, who are qualified in accordance with Section 12 of the Examination Procedure Regulations (PVO). Fulfilment of the requirements shall be determined by the joint Examination Board.

(3) The first examiner of the Master's thesis must be a university lecturer or a private lecturer at Kiel University who generally offers modules in the Environmental Management degree programme. In accordance with Section 5 of the Examination Procedure Regulations (PVO), the second examiner must be an authorised examiner. Assessment may also be performed by people working at institutions outside of the university who are authorised examiners in accordance with Section 5 PVO. Fulfilment of the requirements shall be determined by the joint Examination Board.

(4) Any candidate who can provide evidence of at least 60 ECTS credits may be admitted to the Master’s thesis.

(5) The topic of the Master’s thesis may be handed back only once and only within six weeks of the topic being issued.

(6) The Master’s thesis is to be written in English.

(7) The period from when the topic is issued until the Master’s thesis is submitted to the Examination Office is 26 weeks.

(8) Two hard copies of the Master’s thesis and one version stored on a medium suitable for electronic data processing are to be submitted to the responsible Examination Office in the form prescribed.

(9) The Master's thesis will be assessed within six weeks of submission.

(10) Students participating in the ISU-CAU double degree programme in Environmental Management can prepare their Master's thesis at the ISU.

(11) Students participating in the UAM-CAU double degree programme in Environmental Management can prepare their Master's thesis at the UAM.

§ 13
Passing the Master's examination and calculating the overall grade

(1) The Master's examination has been passed if all the necessary module examinations in the compulsory section indicated in Section 5 in connection with the annexes have been passed and a sufficient number of ECTS credits has been earned through passing module examinations in the compulsory elective sections and the Master's thesis has also been passed with the necessary number of ECTS credits.

(2) The section grades for the compulsory elective sections B, C and D are calculated by taking the highest grades for the modules assigned to the respective section in question, for which the total ECTS credits must reach the number of ECTS credits required as a minimum for that section. If the ECTS credits for the final module taken into account exceed the total of ECTS credits required for this section, only ECTS credits up to attainment of the total number of ECTS credits required will be taken into account. The same applies to the compulsory elective sections X and Y for students of the double degree programme.

(3) The calculation of the overall grade includes:
   a) the section grades for Sections A, B, C, D weighted with the ECTS credits assigned to the respective section. The same applies to the section grade for Sections X and Y for students of the double degree programme.
   b) the grade for the Master's thesis with 30 ECTS credits.

(4) The conversion tables in Annexes 4 and 8 apply to examinations taken within the framework of the double degree programme.

§ 14
Transitional provisions of the new version of 14 February 2020

(1) It is possible for students who are registered for the Master of Science degree programme in Environmental Management at Kiel University at the time when these Rules enter into force to obtain a degree up until the end of the summer semester 2022 in accordance with the degree-specific examination regulations which ceased to be in force pursuant to Section 15 (2). If modules are offered in a different form, these must be completed under the new version. If compulsory modules from the degree-specific examination regulations in accordance with Section 15 (2) are no longer offered, the Examination Board will name replacement modules.

(2) Students can apply to change to the new degree-specific examination regulations. Module examinations which have been completed and passed in full by the date these Rules enter into force will remain valid. Compulsory modules which have already been completed will be transferred with the ECTS credits listed in these degree-specific examination regulations.

(3) If a student has completed and passed independent parts of a module examination, these will be recognised. The Examination Board determines which additional examinations are necessary to complete the module, under consideration of the module's learning targets and the purpose of the examination.

(4) Examinations failed before these Rules entered into force will be set off against the number of attempts allowed under the new examination regulations, provided the structure of the new module examination permits recognition.

(5) The Examination Board decides regarding special cases of hardship for which the student

is not responsible.

§14a
Transitional provisions of the amendment statutes of 20 May 2021

(1) Module examinations that have been completed in full and passed at the time when these Rules enter into force retain their validity.

(2) If a student has completed and passed independent parts of a module examination, these will be recognised. The Examination Board determines which additional examinations are necessary to complete the module, under consideration of the module's learning targets and the purpose of the examination.

(3) Examinations failed before these Examination Regulations entered into force will be set off against the number of attempts in accordance with the new Examination Regulations, provided the structure of the new module examinations permits recognition.

(4) Upon application, the Examination Board decides regarding special cases of hardship for which the student is not responsible.

§ 15
Entry into force, expiry

(1) These Rules enter into force on 1 October 2020.

(2) At the same time, the degree-specific examination regulations (Rules) of the Faculty of Agricultural and Nutritional Sciences and the Faculty of Mathematics and Natural Sciences at Christian-Albrechts-Universität zu Kiel (Kiel University) for the discipline of 'Environmental Management' leading to a Master of Science degree (M.Sc.) of 27 July 2017 (NBl. HS MBWK Schl.-H. p. 70) cease to be in force.

The University Board at Kiel University granted its approval in accordance with § 52 (1) 1 of the Schleswig-Holstein Higher Education Act (HSG) in its letter dated 13 February 2020.

Kiel, 14 February 2020

Professor Dr Dr Christian Henning
Dean of the Faculty of Agricultural and Nutritional Sciences at Kiel University

Professor Dr Frank Kempken
Dean of the Faculty of Mathematics and Natural Sciences at
Kiel University

Article 2 of the amended Examination Regulations of 20 May 2021
These Examination Regulations enter into force as of 1 October 2021.

Article 2 of the amended Examination Regulations of 15 July 2021

These Examination Regulations enter into force as of 1 October 2021.

Annex 1: Overview of the degree programme

Semester					
1 30 LP	**Section A: Scientific Basics in Environmental Management** EMAEF029-01a Managing & Planning Science Project	**Section A: Scientific Basics in Environmen-tal Management** EMAEF050-01a Sustainable Approaches in Environmental Management	**Section B: Knowledge and Analysis**	**Section B: Knowledge and Analysis**	**Section C: Scientific Methods**
2 30 LP	**Section A: Scientific Basics in Environmental Management** EMAEF051-01a Science Project 1	**Section B: Knowledge and Analysis**	**Section B: Knowledge and Analysis**	**Section B: Knowledge and Analysis**	**Section C: Scientific Methods**
3 30 LP	**Section A: Scientific Basics in Environmental Management** EMAEF052-01a Science Project 2	**Section B: Knowledge and Analysis**	**Section B: Knowledge and Analysis**	**Section D: Complementary Studies**	**Section D: Complementary Studies**
4 30 LP	**Section E: Master's Thesis**				

LP: Leistungspunkte = ECTS credits

Annex 1a:

List of modules for Environmental Management

M = mündliche Prüfung/oral examination, R = Referat/oral presentation, K = Klausur/written examination, H = Hausarbeit/term paper, PR = Präsentation/presentation, P = Protokoll/protocol, SB = Seminarbeitrag (zusammengesetzte Prüfung – 2 Leistungen)/seminar contribution (composite examination, 2 pieces), BE = Bericht/report, PJ = Projektarbeit/project work, MP = Modulprüfung/module examination, SL = Seminarleistung/Seminar Coursework

V = Vorlesung/lectureE = Exkursion/field trip, S = Seminar, P = Praktikum, Ü = Übung/exercise, GÜ = Geländeübung/field exercise, T= Tutorium/tutorial, PÜ= praktische Übung/practical exercise, F = Forschungsprojekt/research project
[1] Complementary course for agrarAEF200-02a Management and Innovation in Food Supply Chains – no compulsory participation

*Imported module, in accordance with Section 1 (1), the examination regulations of the respective degree programmes apply:

- Law degree programme: EMJUR-01a
- Bachelor's degree programme in Economics: VWL-MiFi-SuEc
- Master's degree programme in Economics: VWLerCEPSem-02a, VWLerReEcSem-02a, VWLerEnVaSem-02a

SWS = Semesterwochenstunden/hours per week during the semester, LP = Leistungspunkte/ECTS credit points, PL = Prüfungsleistung/examination in percent [%], if there are several examinations, the proportions of each of the partial examinations in relation to the overall examination are specified in percent [%].

The requirement for attendance of the listed course elements in the compulsory attendance column is stipulated by the degree-specific examination regulations for the degree programmes offering the elements.

Module code	Semester	Module description	Compulsory module	Compulsory elective module related to the degree programme	Examination prerequisite	SWS	Teaching method	Compulsory participation	LP	PL
Section A Scientific Basics in Environmental Management (compulsory)										
EMAEF050-01a	WS	Sustainable Approaches in Environmental Management	x			2/2	V/S	S	6	SB100

EMAEF029-01a	WS	Planning & Managing Science Projects	x			2/2	V/PÜ	PÜ	6	SB100
EMAEF051-01a	SoSe	Science Project 1	x			4	P		6	PJ100
EMAEF052-01a	WS	Science Project 2	x			4	P		6	PJ100

Section B: Knowledge and Analysis

B1: Biodiversity and Ecosystem Services

EMAEF040-01a	WS	Conservation Biology		x	passed term papers	1/3	V/PÜ	PÜ	6	PJ100
EMAEF-001-01a	WS	Principles in Ecology for Environmental Sciences		x	passed term papers	2/2	V/PÜ	PÜ	6	K100
biol214	WS	Environmental Stress Adaptation in Plants		x		1/3	S/PÜ	PÜ	5	K70/ SL30
agrarAEF078-01b	SoSe	Integrated Management of Rural & Woodland Regions		x		1/2/1	GÜ/PÜ/S	GÜ/PÜ/S	6	SB100
EMAEF023-01a	SoSe	Fieldtrip Hydrobiology Poland		x		3,5/0,5	PÜ/GÜ	PÜ/GÜ	6	P100
biol247	SoSe	Molecular Evolution of Biotic Interactions		x		1/3	S/PÜ	PÜ	5	K60/ SL40
biol265	WS/SoSe	Molecular Genetic Studies on Plant Development		x		8	F		10	P80/SB20
biol240	SoSe	Field Ecology		x		1/1/2	V/S/PÜ	PÜ	5	SL50/P50
AEF-agr852	SoSe	Ecosystem Services in Agroecosystems		x		3/1	PÜ/V	PÜ	6	H100
ecoMNF114-01a	WS	Plant x Environment Interactions		x		2/1/3	V/S/PÜ	S/PÜ	6	P50/PJ50

B2: Ecohydrology and Geoecology

EMAEF002-01a	WS	Hydrology and Climatology		x		2/2	V/V		6	M100
EMAEF045-01b	WS	Analysis Methods in Hydrochemistry		x		1/1/2	V/GÜ/PÜ	GÜ	6	P100
EMAEF075-01a	WS	Processes in Soil		x		2/1/1	V/S/PÜ	S/PÜ	6	M100
EMAEF024-01b	SoSe	Fieldtrip Limnoecology Lake Baikal		x		3,5/0,5	PÜ/GÜ	PÜ/GÜ	6	P100
EMAEF047-01a	SoSe	Management of Soil Resources		x		2/2	V/S	S	6	M100
agrarAEF076-01a	WS	Integrated Management of River Basins		x		2/1/1	V/S/GÜ	GÜ/S	6	SB100
EMAEF018-01a	WS	Integrated Management of Wetlands		x		1/2/1	V/S/PÜ	S	6	H100
EMAEF027-01a	WS	Hydrological Modelling		x		2/2	V/PÜ	PÜ	6	H100
EMAEF046-01b	WS+SS	Interdisciplinary Lectures on Sustainability		x		2/1/1	V/S/GÜ	S/GÜ	6	P100

B3: Human & Environmental Interaction in space and time

ecoMNF102-01a	WS	Principles of Climate and Landscape Changes - Past and Future (CLC)		x		2/2	V/S	S	6	K100
ecoMNF105-01a	WS	Principles of Long Term Analysis of Environmental Trends		x		2/1/1	V/S/Ü	S	6	P100
ecoMNF117-01a	WS	Regional Geography of Palaeoenvironmental Sites (RGPS)		x		2/2	S/V	S	6	PR100
ecoMNF103-01a	SoSe	Long Term Development of Landscapes - Field Studies		x		3,5/0,5	Ü/E	E	6	PJ100
ecoMNF107-01a	WS/SoSe	Principles of Sustainability in Space and Time		x		2/2	V/S	S	6	BE100
ecoMNF109-01a	SoSe	Human-Environment Interactions I: Geoarchaeological and Palaeopedological Field Studies		x		2/2	S/Ü	S	6	BE100

ecoMNF113-01a	WS	Reconstructing Quaternary Environments (RQE)		x		2/2	V/S	S	6	K100
ecoMNF101-01a	WS	Case studies of Geo-Ecological Regional Processes		x		4	V		6	M100
ecoMNF106-01a	WS	Human-Environment Interactions II: Advanced Studies in Geoarchaeology and Palaeopedology		x		2/2	S/Ü	S	6	BE100

B4: Coasts and Oceans

MNF-Geogr-341	WS	Coastal Zone Dynamics		x		2	Ü		6	K100
ftzMNF122-01a	WS	Principles of Nutrient Dynamics in Coastal Areas		x		2/2	V/S	S	6	K80/BE20
EMJUR-01a*	SoSe	International Law of the Sea		x		2	V		6	K100
ftzMNF125-01a	SoSe	Abiotic and Biotic Interactions in the Wadden Sea		x		1/3	V/Ü		6	BE100
ftzMNF126-01a	SoSe	Coastal Evolution and Protection		x		4	V		6	BE100
ftzMNF128-01a	SoSe	Coastal Environmental Surveying Techniques		x		1,5/3,5	V/Ü		6	M60/BE40
ftzMNF175-01a	SoSe	Long Term Evolution of the North-Sea Coast		x		4/1	S/Ü	S	6	SB100
EMAEF043-01b	SoSe	Marine and Coastal Ecosystems I		x		2/1/1	V/Ü/E	E	6	SB100
MNF-Geogr-342	WS	GIS and Remote Sensing Applications in Coastal Zones		x		2	Ü	Ü	6	SB100
EMAEF044-01b	WS	Marine and Coastal Ecosystems II		x	passed EMAEF043-01a	2/2	V/Ü		6	SB100
EMAEF032-01b	WS	Integrated Coastal Zone Management		x		2/1,5/0,5	V/PÜ/E	PÜ/E	6	SB100
ftzMNF130-01a	WS	Marine Nature Conservation: Theory and application		x		1/1/2	V/S/Ü	S	6	BE100

B5: Environmental Economics and Politics

AEF-EM009	WS	Principles of Environmental Economics & Environmental Planning		x		4	V		6	M100
VWL-MiFi-SuEc*	WS	Sustainability Economics		x		2/2	V/Ü		5	K100
VWLerCEPSem-02a*	SoSe	Seminar in Climate and Energy Policy		x		2	S	S	5	SB100
AEF-EM039	SoSe	Economic Aspects of Environmental Management		x		4	V		6	K100
egAEF068-01a	SoSe	Modeling Consumer Behavior		x	passed+graded SB 50%	2/2	V/PÜ		6	K100
agrarAEF200-02a	SoSe	Management and Innovation in Food Supply Chains		x	passed SB	2/2/2	V/S/S	S	6	K100
MNF-Geogr-142	SoSe	Political Ecology		x	seminar pres. held	1/2	V/S	S	6	H100
VWLerReEcSem-02a*	SoSe/Ws	Seminar in Resource Economics		x		2	S	S	5	SB50/PR50
VWLerEnVaSem-02a*	WS	Seminar in Environmental Valuation		x		2	S	S	5	SB100
egAEF006-01a	WS	Environmental Economics		x		4	V		6	K100
agrarAEF206-01a	WS	Model-based Policy Analyses of Agricultural, Energy and Climate Policies		x		4	V		6	M100
EMAEF048-02a	WS	Economic Valuation of Environmental Services		x		2/2	V/PÜ	PÜ	6	K100

C: Scientific Methods

EMAEF030-01a	WS	Statistical & Mathematical Tools		x		1/3	V/PÜ	PÜ	6	K100
MNF-Geogr-230-01a	WS	Spatial Data Handling		x		2/2	Ü/Ü		6	PJ100
MNF-Geogr-231-01a	WS	Remote Sensing Principles		x		2/2	V/Ü		6	PJ100
MNF-Geogr-333	SoSe/WS	Remote Sensing Applications		x		2	Ü		6	H100

MNF-Geogr-332	SoSe/WS	Remote Sensing and Environmental Modeling		x		2	Ü	Ü	6	H100
EMAEF013-01a	SoSe	Digital Spatial Analysis - Practical Exercises		x		1/2/1	V/PÜ/PÜ	PÜ/PÜ	6	P100
ftzMNF174-01a	SoSe	Decision Support Systems for the Governance of Coastal Ecosystems		x		2/3	V/S	S	6	PJ100
ftzMNF025-01a	WS	Engineering Mathematics		x		2,5/2	V/Ü		6	K100
EMAEF031-01b	WS	Ecosystems Modeling		x		1/3	V/PÜ		6	P100
ecoMNF116-01a	WS	Advanced Analytical Methods in Plant Ecology using R		x		2/4	V/Ü		6	P50/R50
EMAEF036-01a	WS	GIS in Ecology		x	passed+graded H	1/3	V/PÜ	PÜ	6	SB100

D: Complementary Studies

	WS	2 graded modules from the entire range of courses offered at Kiel University		x						

E: Master's Thesis

EMAEF053-01a		Master's thesis	x						30	H100

Annex 2
Mobility diagram for students as part of the CAU-ISU double degrees

Mobility scheme				
Semester 1	**Semester 2**	**Semester 3**	**Semester 4**	**Home University**
ISU	ISU	CAU	ISU	ISU
CAU	CAU	ISU	CAU	CAU

Annex 2a
Degree programme for CAU students in the third semester at the ISU

LP = Leistungspunkte/ECTS credit points, PL = Prüfungsleistung/examination in percent [%], if there are several examinations, the proportions of each of the partial examinations in relation to the overall examination are specified in percent [%].

Third semester ISU – 30 ECTS credits

Module	**Module name**	LP	PL
Compulsory: 28 ECTS			
3.1	Computer Technologies and Statistical Methods of Ecology and Nature Management	2	K100
3.2	Remote Techniques of the Earth Sensing	4	K=100
3.3	Geoinformation Technologies	3	K100
3.4	Regional Environmental Management	4	K100
3.5	Ecological Management and Audit	4	K100
3.6	Project 3	11	PA100
Compulsory elective: 2 ECTS			
3.7.1	Industrial and Transport Ecology	2	K100
3.7.2	Traditional Environmental Management in Russia	2	PR80, H20
3.8	Free elective from the ISU offer		

Fourth semester CAU: 30 ECTS credits from preparation of the Master's thesis

Annex 3

Degree programme for ISU students in the third semester at the CAU

M = mündliche Prüfung/oral examination - R = Referat/oral presentation - K = Klausur/written examination - H = Hausarbeit/term paper - P = Protokoll/protocol - SB = Seminarbeitrag (zusammengesetzte Prüfung – 2 Leistungen)/seminar contribution (composite examination, 2 pieces), BE = Bericht/report, PJ = Projektarbeit/project work

V = Vorlesung/lectureE = Exkursion/field trip, S = Seminar, P = Praktikum, Ü = Übung/exercise, GÜ = Geländeübung/field exercise, T= Tutorium/tutorial, PÜ= praktische Übung/practical exercise, F = Forschungsprojekt/research project

SWS = Semesterwochenstunden/hours per week during the semester, LP = Leistungspunkte/ECTS credit points, PL = Prüfungsleistung/examination in percent [%], if there are several examinations, the proportions of each of the partial examinations in relation to the overall examination are specified in percent [%].

The requirement for attendance of the listed course elements in the compulsory attendance column is stipulated by the degree-specific examination regulations for the degree programmes offering the elements.

Module code	Semester	Module description	Compulsory module	Compulsory elective module related to the degree programme	Examination prerequisite	SWS	Teaching method	Compulsory attendance	LP	PL
Section B: Knowledge and Analysis										
B1: Biodiversity and Ecosystem Services										
EMAEF040-01a	WS	Conservation Biology		x	passed term paper	1/3	V/PÜ	PÜ	6	PJ100
ecoMNF114-01a	WS	Plant x Environment Interactions		x		2/1/3	V/S/PÜ	S/PÜ	6	P50/PJ50
B2: Ecohydrology and Geoecology										
agrarAEF076-01a	WS	Integrated Management of River Basins		x		2/1/1	V/S/GÜ	GÜ/S	6	SB100

EMAEF018-01a	WS	Integrated Management of Wetlands		x		1/2/1	V/S/PÜ	S	6	H100
EMAEF027-01a	WS	Hydrological Modelling		x		2/2	V/PÜ	PÜ	6	H100
B3: Human&Environmental Interaction in space and time										
ecoMNF101-01a	WS	Geo-Ecological Regional Processes		x		4	V		6	M100
ecoMNF106-01a	WS	Geoarchaeology and Holocene Palaeoecology – Reconstruction of Natural and Human Processes in Ecosystems		x		2/2	S/Ü	S	6	PJ100
B4: Coasts and Oceans										
EMAEF032-01b	WS	Integrated Coastal Zone Management		x		2/1,5/0,5	V/PÜ/GÜ	PÜ/GÜ	6	M100
MNF-Geogr-342	WS	GIS and Remote Sensing Applications in Coastal Zones		x		2	PÜ	PÜ	6	SB100
ftzMNF130-01a	WS	Marine Nature Conservation: Theory and application		x		1/1/2	V/S/Ü	S	6	BE100
B5: Environmental Economics and Politics										
agrarAEF206-01a	WS	Model-based Policy Analyses of Agricultural, Energy and Climate Policies		x		4	V		6	M100
EMAEF048-02a	WS	Economic Valuation of Environmental Services		x		2/2	V/PÜ	PÜ	6	K100
C: Scientific Methods										
ecoMNF116-01a	WS	Advanced Analytical Methods in Plant Ecology using R		x		2/4	V/Ü		6	P50/R50
EMAEF036-01a	WS	GIS in Ecology		x	passed+graded H	1/3	V/PÜ	PÜ	6	SB100

Annex 4

Date: 10.07.2013

Grading systems at the ISU and CAU

		CAU ->	ISU ->	CAU	
Verbal awards		Numerical Marks	Numerical Marks	Numerical Marks	Scale in percent
CAU	ISU	CAU	ISU	CAU	
Sehr gut	Excellent	1	5	1	94 – 100
		1,3			86 –93
Gut	Good	1,7	4	2	81 – 85
		2			76– 80
		2,3			71– 75
Befriedigend	Satisfactory	2,7	3	3	69–70
		3			67–68
		3,3			64 –66
Ausreichend	Sufficient	3,7			61–63
		4			60
NichtAusreichend	Insufficient	> 4.0	<3	> 4.0	<60

Annex 5

ANNEX NO. 1

to the Cooperation Agreement from December 7, 1990
between Irkutsk State University
and Christian-Albrechts-Universität zu Kiel, Kiel (Germany)

In order to develop further opportunities for students from Irkutsk and Kiel and in order to strengthen the international ties between the two institutions, Irkutsk State University, Irkutsk, Russia (hereafter referred to as ISU) , represented by its Rector Professor Dr. Smirnov Alexander and Christian-Albrechts-Universität zu Kiel, Kiel (Germany) (hereafter referred to as CAU), represented by its President Professor Dr. Gerhard Fouquet, have decided to enter into this Agreement for the establishment of a Double Degree Program in Environmental Management.

§ 1

This Agreement permits students of ISU and CAU, upon successful fulfillment of the conditions indicated in this Agreement, the opportunity of receiving a Double Degree in Environmental Management. ISU and CAU will award a Master in Environmental Management.
Within the framework of this Agreement, "home institution" refers to the institution in which a student is formally enrolled as a degree candidate. "Host institution" refers to the institution that has agreed to receive students from the home institution for a period of study.
Both institutions agree to issue their a.m. Degrees, based on the attached jointly developed study programme (Appendix A) and will start in winter term 2012/13 or thereafter (always in winter term).

§ 2

Students registered as degree candidate at ISU in the Masterprogram "Ecology and Environmental Management" with the profile "Environmental Management" or at CAU in the Masterprogram "Environmental Management – Management natürlicher Ressourcen" shall have access to the Double Degree Program. Students shall be screened for eligibility for admission as Double Degree candidates by the home institution. The home institution shall respect the admission requirements and enrolment constraints of the host institution. The final selection of students has to be confirmed by both local program coordinators (see § 5).
Double Degree candidates shall be nominated by the home institution. This nomination shall replace the evidence of university entrance qualification and the legalization.
Double Degree candidates shall be subject to the standard rules, regulations and enrolling constraints of the host institution. They shall register at the host institution only for the parts of the study program which will be carried out under the responsibility of the host institution.
Both institutions agree to a maximum number of 7 exchange students per edition. The normal period of study at the host institution shall last one term.

§ 3

As a general rule the Master thesis will be carried at and under the responsibility of the home institution. Upon request it is also possible that a thesis is supervised jointly by both institutions. For that the Degree candidates shall choose the first supervisor from the home institution, and a second supervisor shall be allocated from the other institution.
The Double Degree shall only be awarded after the student has completed his/her studies at the home institution, and has collected at least 30 ECTS credit points under the responsibility of the host institution.

For the purpose of international mobility and recognition, the Double Degree will be accompanied by a Diploma Supplement according to art. IX.3 of the Lisbon Recognition Convention of April 11, 1997.

§ 4

Tuition fees shall, on the basis of reciprocity, be waived during those parts of the study program which will be carried out at the host institution. All activities of the program are subject to the availability of the institution's financial resources and/or third party funds. Both institutions agree to seek financial support from national and international organisations to support those students, which study at the host institution.

§ 5

Each institution will nominate a program coordinator to ensure that the Double Degree Program proceeds according to a reasonable schematic plan, and that the terms of this Agreement are carried out. Each institution may name a substitute or replacement of its coordinator. Each program coordinator will ensure that the partner institution is provided with all information appropriate to the promotion of the program.

§ 6

This Agreement shall be in force from May 16, 2012, and be binding upon the parties for a period of 5 years. It may be altered or amended based upon mutual agreement.

The Agreement may be terminated at the request of either institution, provided such request is made in writing at least twelve months before termination is to become effective. Any termination of the Agreement must take into account the rights of students already participating or accepted for any exchange to complete the parts of the study program which will be carried out under the responsibility of the host institution.
An evaluation of this Agreement will be initiated by both institutions at least twelve months prior to its expiration to ascertain if the program should be continued and, if so, how it might be improved.

§ 7

This agreement is drawn up and signed in two copies in Russian and two copies in English, all of them are of identical meaning. Two copies, one in Russian and one in English, are to be deposited with each institution.

Legal addresses of the partners:

Irkutsk State University

«22» Февраля 2012

Prof. Dr. Smirnov Alexander
Rector

Prof. Dr. Arguchintseva Alla
Dean, Faculty of Geography

Christian-Albrechts-Universität zu Kiel
Olshausenstrasse 40
D-24098 Kiel

«27.» Februar 2012

Prof. Dr. Gerhard Fouquet
President

Prof. Dr. rer. nat. Lutz Kipp,
Dean, Faculty of Mathematics and Natural Sciences

Prof. Dr. Karin Schwarz
Dean, Faculty of Agricultural and Nutritional Sciences

Appendix A: Jointly Develop Study Programme

Annex 6
Mobility diagram for students on CAU-UAM double degrees

Mobility diagram for students as part of the double degree agreement with the UAM

Mobility scheme				
Semester 1	**Semester 2**	**Semester 3**	**Semester 4**	**Home University**
UAM	UAM	CAU	UAM	UAM
CAU	UAM	CAU	CAU	CAU
CAU	CAU	CAU	UAM	CAU

Annex 6a
Degree programme for CAU students in the second or fourth semester at the UAM

Explanations:
H – Homework, K – Written exam, M – oral exam, P – Protocol, PA – Project report, PL – Graded, PR – Presentation
R – Paper, SB – Seminarpaper

LP = Leistungspunkte/ECTS credit points, PL = Prüfungsleistung/examination in percent [%], if there are several examina
relation to the overall examination are specified in percent [%].

Elective Modules

Sem.	**Title of elective (optional) modules**	LP	PL
Spring	Ecotoxicology	3	**K=100%**
Spring	European environmental protection policy	3	**K100**
Spring	Msc laboratory	10	**PA100**
Spring	EP Standard methods in environmental protection	2	**K100**
Spring	UAM-PIE Biology and ecology of bioindicators	4	**K100**
Spring	EP Modelling of aquatic ecosystems	3	**P100**
Spring	EP Protection and restoration of water bodies	4	**K100**
Spring	EP Relationships between organisms in the aquatic environment	4	**P50** **PR50**
Spring	UAM-PIE Toxic threats of aquatic environments	4	**P100**
Spring	AMU-PIE Ecosystems under environmental stress	4	**R50** **P50**
Spring	AMU-PIE River courses, ecological implications of their transformation	4	**K100**
Spring	EP Toxic effects of plant and animal substances	2	**P100**
Spring	EP Toxicity of selected elements and compounds	2	**P100**
Spring	UAM-PIE Functioning and protection of water and wetland habitats	4	**K100**
Spring	UAM-PIE Study of inland waters - from theory to practice: Tools of assessment, protection and management	4	**P100**
Spring	Summer School – Ecological state of the lake during restoration measures	6	**PL33,3/PR33,3/ PA33,3**

Annex 7
Degree programme for UAM students in the third semester at the CAU

M = mündliche Prüfung/oral examination - R = Referat/oral presentation - K = Klausur/written examination - H = Hausarbeit/term paper - P = Protokoll/protocol - SB = Seminarbeitrag (zusammengesetzte Prüfung – 2 Leistungen)/seminar contribution (composite examination, 2 pieces), BE = Bericht/report, PJ = Projektarbeit/project work

V = Vorlesung/lectureE = Exkursion/field trip, S = Seminar, P = Praktikum, Ü = Übung/exercise, GÜ = Geländeübung/field exercise, T= Tutorium/tutorial, PÜ= praktische Übung/practical exercise, F = Forschungsprojekt/research project

SWS = Semesterwochenstunden/hours per week during the semester, LP = Leistungspunkte/ECTS credit points, PL = Prüfungsleistung/examination in percent [%], if there are several examinations, the proportions of each of the partial examinations in relation to the overall examination are specified in percent [%].

The requirement for attendance of the listed course elements in the compulsory attendance column is stipulated by the degree-specific examination regulations for the degree programmes offering the elements.

Module code	Semester	Module description	Compulsory module	Compulsory elective module related to the degree programme	Examination prerequisite	SWS	Teaching method	Compulsory attendance	LP	PL
Section B: Knowledge and Analysis										
B1: Biodiversity and Ecosystem Services										
EMAEF040-01a	WS	Conservation Biology		x	passed term paper	1/3	V/PÜ	PÜ	6	PJ100
ecoMNF114-01a	WS	Plant x Environment Interactions		x		2/1/3	V/S/PÜ	S/PÜ	6	P50/PJ50
B2: Ecohydrology and Geoecology										
agrarAEF076-01a	WS	Integrated Management of River Basins		x		2/1/1	V/S/GÜ	GÜ/S	6	SB100
EMAEF018-01a	WS	Integrated Management of Wetlands		x		1/2/1	V/S/Ü	S	6	H100
EMAEF027-01a	WS	Hydrological Modelling		x		2/2	V/PÜ	PÜ	6	H100

B3: Human&Environmental Interaction in space and time

ecoMNF101-01a	WS	Geo-Ecological Regional Processes		x		4	V		6	M100
ecoMNF106-01a	WS	Geoarchaeology and Holocene Palaeoecology – Reconstruction of Natural and Human Processes in Ecosystems		x		2/2	S/Ü	S	6	PJ100

B4: Coasts and Oceans

EMAEF032-01b	WS	Integrated Coastal Zone Management		x		2/1,5/0,5	V/PÜ/GÜ	PÜ/GÜ	6	M100
MNF-Geogr-342	WS	GIS and Remote Sensing Applications in Coastal Zones		x		2	PÜ	PÜ	6	SB100
ftzMNF130-01a	WS	Marine Nature Conservation: Theory and application		x		1/1/2	V/S/Ü	S	6	BE100

B5: Environmental Economics and Politics

agrarAEF206-01a	WS	Model-based Policy Analyses of Agricultural, Energy and Climate Policies		x		4	V		6	M100
EMAEF048-02a	WS	Economic Valuation of Environmental Services		x		2/2	V/PÜ	PÜ	6	SB100

C: Scientific Methods

ecoMNF116-01a	WS	Advanced Analytical Methods in Plant Ecology using R		x		2/4	V/Ü		6	P50/R50
EMAEF036-01a	WS	GIS in Ecology		x	passed+graded H	1/3	V/PÜ	PÜ	6	SB100

Annex 8

Grading systems at the UAM and CAU

		CAU ->	UAM ->	CAU	UAM
Verbal awards		Numerical Marks	Numerical Marks	Numerical Marks	Scale in percent
CAU	UAM	CAU	UAM	CAU	
Sehr gut	Excellent	1	5	1	94 – 100
		1,3			86 –93
Gut	Good	1,7	4	2	81 – 85
		2			76– 80
		2,3			71– 75
Befriedigend	Satisfactory	2,7	3+	3	69–70
		3			67–68
		3,3			64 –66
Ausreichend	Sufficient	3,7	3	4	61–63
		4			60
Nicht Ausreichend	Insufficient	> 4.0	2	> 4.0	<60

Annex 9

ANNEX 4

to the Agreement on Strategic Partnership concluded on 8 July 2013 between Uniwersytet im. Adama Mickiewicza w Poznaniu [Adam Mickiewicz University in Poznań, Poland] and Christian-Albrechts-Universität zu Kiel [Kiel University] (Germany).

In order to launch a mutually recognised programme of joint studies with a double diploma for students from Poznań and Kiel, and in order to strengthen international relations between the two universities, **Adam Mickiewicz University (Poland)** (hereinafter referred to as **UAM**), represented by its Rector, Prof. Andrzej Lesicki and **Kiel University (Germany)** (hereinafter referred to as the **CAU**), represented by its President, Dr. Lutz Kipp, have decided to conclude this annex to launch a joint study programme with a double diploma in environmental protection called Environmental Management at CAU and called Environmental Protection at UAM.

§ 1

(1) This Agreement gives students of UAM and CAU the possibility, upon fulfilment of the conditions specified in this Agreement, to obtain a double diploma in a joint field of study. UAM awards the Master's degree in Environmental Protection and CAU awards the Master's degree in Environmental Management.

(2) Within the framework of this Agreement, "Home University" means a university to which a student has been formally admitted to undertake a course of study leading to the award of the master's degree. "Host University" means a university which has agreed to admit students from the home university for a specified period of study.

(3) Both universities agree to award the aforementioned degrees on the basis of a jointly developed study programme (Appendix A) which will be launched in the winter semester 2017/2018 or later (always in the winter semester).

§ 2

(1) Students enrolled in a Master's Degree in Environmental Protection programme offered by Adam Mickiewicz University or in a Master's Degree in Environmental Management programme offered by CAU shall have access to the Double Degree Programme. The home university will carry out the process of qualifying students for the joint study programme. The home university shall comply with the requirements and recruitment restrictions of the host university. The final selection of students must be approved by both local programme coordinators (see § 5).

(2) Candidates for joint programmes shall be qualified by their home universities.

(3) Applicants for joint programmes shall be subject to the standard rules, regulations and admission limits applicable in the host university. They will be registered at CAU for only a part of the entire study programme, which is conducted at CAU, and at UAM for the entire study period leading to the Master's degree.

1

(4) Both universities have agreed on a maximum of 7 students to be enrolled in a joint study programme in each edition of the programme. The period of study undertaken in the host university shall last at least one semester.

§ 3

(1) As a general rule, the master's thesis will be prepared at the home university. At the request of the student, the master's thesis may be prepared at both universities. To this end, candidates for the Master's degree shall choose the first supervisor from their home university and the second supervisor shall be appointed by the host university.

(2) Students shall receive a second diploma only if they graduate from their home university and additionally receive at least 30 ECTS credit points at the host university.

(3) For the purposes of international mobility and the recognition of joint studies, a supplement to the diploma will be issued in accordance with Article IX.3 of the Lisbon Recognition Convention (Lisbon Convention) of 11 April 1997.

§ 4

The parties have agreed that the tuition fees will be abolished for the duration of the parts of the programme of study which students pursue at the host university but students have to pay local registration fees. All courses within the programme will be implemented on the condition that financial resources are available at the given university and/or external funds are obtained. Both universities shall undertake to apply for financial support from national and international organisations in order to assist students participating in the programme who are studying at the host institution.

§ 5

Each university shall appoint a programme coordinator responsible for ensuring the organisation and implementation of a double degree programme under the conditions laid down in this Annex. Each university may designate another person as a reserve person or an alternate coordinator. Each programme coordinator shall ensure that the partner university receives all information appropriate to the promotion of the programme.

§ 6

(1) The provisions of this Annex shall enter into force at the time of signature, but shall remain in force on condition that a given field of study of the aforementioned master's programmes is currently accredited in each university. The Annex may be amended only by common agreement. Any changes must be made in writing and signed by authorised representatives of each of the universities.

(2) The provisions of the Annex may be revoked at the request of any university, provided that such request is submitted in writing at least twelve months before the start of a new cycle of study. Any cancellation of the provisions of the Annex shall take into account the rights of students already participating in or enrolled in joint programmes and shall enable them to complete the part of the programme to be provided at the host university.

(3) An evaluation of the results of this Annex will be carried out by both universities after the end of each cycle of study, with a view to assessing whether the programme should be continued and how it can be improved.

§ 7

This Annex has been drawn up and signed in two copies in the Polish language and two copies in the English language, and all copies are legally binding. Each higher education institution shall receive two copies of the Agreement, one in Polish and one in English.

Addresses of partner universities:

Uniwersytet im. Adama Mickiewicza w Poznaniu
ul. Wieniawskiego 1
PL-61-712 Poznań

«____» _____ 2018

Prof. dr hab. Andrzej Lesicki
Rector

Prof. Dr. Przemysław Wojtaszek
Dean, Faculty of Biology

Kiel University
Olshausenstrasse 40
D-24098 Kiel

«19» April 2018

Prof. Dr. Lutz Kipp
President

Prof. Dr. Natascha Oppelt
Dean, Faculty of Mathematics and Natural Sciences

Prof. Dr. Joachim Krieter
Dean, Faculty of Agriculture and Nutritional Sciences

Appendix A: Jointly Developed Study Programme