

## 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.

- (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.

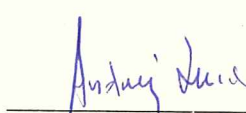
### § 7

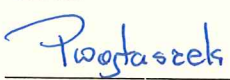
This Annex has been drawn up and signed in two copies in the Polish language and two copies in the English language, and all copies are legally binding. Each higher education institution shall receive two copies of the Agreement, one in Polish and one in English.

Addresses of partner universities:

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

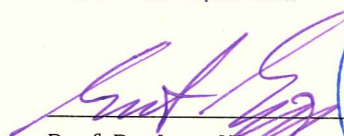
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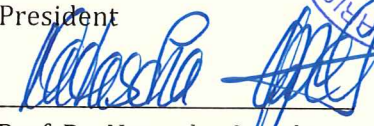
  
Prof. dr hab. Andrzej Lesicki  
Rector

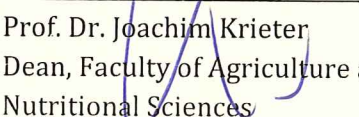
  
Prof. Dr. Przemysław Wojtaszek  
Dean, Faculty of Biology

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

## Appendix A: Jointly developed study programme

The Master's Programme at UAM in *Environmental Protection* and the Master's Programme at CAU in *Environmental Management* last four semesters and must be completed with at least 120 credit.

Students enrolled in the UAM-CAU Double Degree Programme shall be required to follow the following rules:

- CAU students complete at least the second semester at UAM in accordance with Appendix A1: *Environmental Protection Study Programme at UAM*.
- UAM students complete at least the third semester at UAM in accordance with Appendix A2: *Environmental Management Study Programme at CAU*.
- Students who have opted for the UAM-CAU Double Degree Programme may commence their master's studies at either UAM or CAU.

The dual diploma will be awarded upon completion by the student studies at the home university, who has additionally collected a minimum of 30 ECTS credits at UAM or CAU.

### A1: Environmental Protection Study Programme at UAM:

Sem.	Title of obligatory module	ECTS	Exam
I	Methodology and research methods of natural sciences	2	M=100%
I	Preparation for writing and presenting of scientific papers	2	PR=50% P=50%
I	Statistical methods in environmental protection	2	K=100%
I	Databases of the natural environment	2	R=100%
I	Ecotoxicology	3	K=100%
I	Foreign language	2	K=100%
<b>I</b>	<b>Elective (optional) modules</b>	<b>17</b>	
II	Modelling of ecological processes	3	PA=100%
II	European environmental protection policy	3	K=100%
II	Seminar – Journal Club	3	PR=50% PL=50%
II	MSc laboratory	10	PA=100%
<b>II</b>	<b>Elective modules</b>	<b>11</b>	
III	Spatial planning	4	K=100%
III	Creativity and entrepreneurship	3	M=100%
III	Financial, legal and ethical aspects of functioning of science	2	PL=100%
III	MSc seminar	3	PR=50% PL=50%
III	MSc laboratory	10	PA=100%
<b>III</b>	<b>Elective modules</b>	<b>8</b>	
IV	Compensation for nature conservation	3	K=100%
IV	Projects and plans for nature conservation	4	M=100%
IV	MSc seminar	3	PR=50% PL=50%
IV	MSc laboratory	10	PA=100%

	<b>Elective modules</b>	<b>10</b>	
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Sem.	Elective module names	ECTS	Exam
Spring	EP Standard methods in environmental protection	2	K=100%
Spring	Amu-PIE Biology and ecology of bioindicators	4	K=100%
Spring	EP Modelling of aquatic ecosystems	3	P=100%
Spring	EP Protection and restoration of water bodies	4	K=100%
Spring	EP Relationships between organisms in the aquatic environment	4	P=50% PR=50%
Spring	AMU-PIE Toxic threats of aquatic environments	4	P=100%
Spring	AMU-PIE Ecosystems under environmental stress	4	R=50% P=50%
Spring	AMU-PIE River courses, ecological implications of their transformation	4	WT=100%
Spring	EP Toxic effects of plant and animal substances	2	P=100%
Spring	EP Toxicity of selected elements and compounds	2	P=100%
'Spring	AMU-PIE Functioning and protection of water and wetland habitats	4	K=100%
Spring	AMU-PIE Study of inland waters - from theory to practice: Tools of assessment, protection and management	4	P=100%
Spring	Summer School – Ecological state of the lake during restoration measures	8	PL=1/3 PR=1/3 PA=1/3

Legend:

H – Homework

K – Written exam

M – Oral exam

P – Protocol

PA – Project report

PL – Graded

PR – Presentation

R – Paper

SB – Seminar paper



## A2: Environmental Management Study Programme at CAU

First semester at CAU: 30 credits

1 obligatory module with 6 credits plus elective modules summing up to 24 credits.

### Part A – Obligatory

Module	Module name	LP	PL benotet
MNF-Geogr.-201	Concepts of Sustainable Development and Environmental Management	6	H=100%

### Part B

In Part B each student elects 2 modules out of the following 6 areas of specialization

Module	Module name	LP	PL benotet
<b>B3 - Environmental Management</b>			
AEF-EM009	Principles of Environmental Economics & Environmental	6	M=100%
<b>B4 - Coastal systems</b>			
MNF-Geogr-341	Coastal Zone Dynamics	6	K=100%
MNF-ftz-geo-	Principles of Nutrient Dynamics in Coastal Areas	6	K=100%
<b>B6 - Ecohydrology and Geoecology</b>			
AEF-EM002	Hydrology & Climatology	6	M=100%
AEF-EM034	Principles in Soil Ecology	6	K=100%
AEF-EM008	Identification & Modelling of Chemical Key Processes	6	K=100%
<b>B7 - Human Development in Landscapes</b>			
MNF-eco-101	Geo-Ecological Regional Processes	6	M=100%
MNF-eco-102	Climate and Landscape Changes - Past and Future	6	K=100%
MNF-eco 116	Human-environment interactions I: theory and methods of	6	PA=100%
<b>B8 - Functional Ecology</b>			
AEF-EM001	Principles in Ecology for Environmental Sciences	6	K=100%
AEF-EM006	Principles of Ecosystem Protection & Management	6	M=100%
AEF-EM010	Nutrient Cycles and Sustainability	6	K=100%
MNF-biol210	Principles in Aquatic Ecology	6	P=100%,
<b>Bereich C: Communication and Empowerment, die Wahl von 6 Leistungspunkten wird empfohlen</b>			
MNF-Geogr-202	Change Makers and Social Entrepreneurs	6	PA=100%
AEF-EM029	Planning and Managing Science Projects	6	K=100%
MNF-eco115	Planning and Construction of a Wind Farm	6	SB=100%
MNF-eco-107	Terrestrial Ecozones and Ecosystems	6	P=100%
AEF-agr848	Practical Data Management	6	P=100%
<b>Bereich D: Complementary Methods, die Wahl von 6 Leistungspunkten wird empfohlen</b>			
MNF-Geogr-205	Spatial Data Handling	6	PA=100%
AEF-EM030	Statistical & Mathematical Tools	6	K=100%
MNF-Geogr-206	Social Research Methods	6	SB=100%
MNF-ftz-geo-	Engineering Mathematics	6	K=100%

## Second semester at CAU: 30 credits

1 obligatory module with 6 credits plus additional modules summing up to 24 credits

### Part A – Obligatory

Module	Module name	LP	PL benotet
AEF-EM035	Project 1 (scientific project or change project)	6	PA=100%

**Bereich B: Die Wahl von jeweils 6 Leistungspunkten aus den zwei gewählten Themenbereichen ist die Regel.**

Module	Module name	LP	PL benotet
<b>B3 - Environmental Management</b>			
AEF-EM039	Economic Aspects of Environmental Management	6	K=100%
MNF-eco-110	Terrestrial Ecosystems Field Studies	6	P=100%
AEF-EM013	Digital Spatial Analysis - Practical Exercises	6	P=100%
MNF-Geogr-332	Remote Sensing and Environmental Modeling	6	H=100%
AEF-agr078	Integrated Management of Rural & Woodland Regions	6	H=100%
AEF-EM036	GIS and Population Dynamics in Landscapes	6	SB=100%
<b>B4 Coastal systems</b>			
MNF-Geogr-342	Remote Sensing and GIS Applications in Coastal Zones	6	SB=100%
AEF-EM012	Coastal & Marine Ecosystems – Field Studies	6	P=100%
MNF-ftz-geo-S125	Abiotic and Biotic interactions in the Wadden Sea	6	P=100%
MNF-ftz-geo-S126	Coastal Evolution and Protection	6	
<b>B5 - Systems Theory and Ecosystem Services</b>			
AEF-EM011	Principles of Ecosystem Analysis	6	R=100%
AEF-EM022	Ecological Indicators	6	P=100%
AEF-agr852	Ecosystem Services in Agroecosystems	6	H=100%
<b>B6 - Ecohydrology and Geoecology</b>			
AEF-EM016	Ecology of Soils– Practical Exercises	6	M=100%
MNF-eco-111	Freshwater & Wetland Systems – Field Studies	6	P=100%
AEF-EM023	Fieldtrip Hydrobiology Poland	6	P=100%
AEF-EM024	Fieldtrip Limnoecology Lake Baikal	6	P=100%
<b>B7 - Human Development in Landscapes</b>			
MNF-eco-103	Long Term Development of Landscapes– Field Studies	6	PA=100%
MNF-eco-104	Field Studies in Environmental History	6	P=100%
MNF-eco-107	Terrestrial Ecozones and Ecosystems	6	P=100%
MNF-eco-108	Analysis of Environmental Processes	6	SB=100%
MNF-eco 117	Human-environment interactions II: geoarchaeological and	6	PA=100%
<b>B8 - Functional Ecology</b>			
MNF-biol224	Applied Aquatic Ecology	5	P=100%
MNF-biol221	Evolution of UV-B resistance	5	PR=30%, P=70%
MNF-biol227	Evolution, Ecology & Genetics	5	PR=50%, P=50%
MNF-biol-240	Seminar Principles in plant invasions	5	P=50% R=50%
MNF-biol263	Lab Studies Symbiosis	10	PR=20%, P=80%

**Bereich C: Communication and Empowerment, die Wahl von 6 Leistungspunkten wird empfohlen**

MNF-Geogr-203	Environmental and Sustainability Communication	6	PA=100%
MNF-Geogr-204	Video for Change	6	PA=100%
MNF-Geogr-270	Environmental and Sustainability Education	10	PA=100%
MNF-Geogr-271	Change Project	6	PA=100%
MNF-Geogr-274	GeoApps. Location based media.	6	PA=100%



## Part E: Open studies

In Part E, each student obtains 12 credits by choosing the modules according to the following rules:

- Items not selected in Parts B, C and D
- Other courses offered by the Kiel School of Sustainability, provided there are no quantitative restrictions
- Courses offered by a higher education institution in the Federal Republic of Germany or an equivalent higher education institution abroad
- Courses from the general offer of Kiel University (CAU)

The selection of the modules in accordance with (c) and (d) must be approved by the examination body responsible for the Master's Environmental Management Programme.

**Third semester at CAU: 30 credits**

1 obligatory module with 6 credits plus elective modules summing up to 24 credits.

### Part A – Obligatory

Module	Module name	LP	PL benotet
AEF-EM038	Project 2 (scientific project or change project)	6	PA=100%

### Part B:

**Die Wahl von jeweils 6 Leistungspunkten aus den zwei gewählten Themenbereichen ist die Regel.**

Modul	Modulname	LP	PL benotet
<b>B3 Environmental Management</b>			
MNF-Geogr-333	Remote Sensing Applications	6	SB=100%
AEF-EM036	GIS and Population Dynamics in Landscapes	6	SB=100%
<b>B4 - Coastal systems</b>			
AEF-EM032	Integrated Coastal Zone Management	6	SB=100%
MNF-ftz-geo-	Coastal Environmental Surveying	6	M=60%,
MNF-ftz-geo-	Wind Energy: Technological Challenges and Environmental	6	P=100%
<b>B5 - Systems Theory and Ecosystem Services</b>			
AEF-EM019	Advanced Ecosystem Analysis in Environmental Management	6	SB=100%
AEF-EM033	Ecosystem Development and Ecosystem Protection	6	M=100%
AEF-EM025	Theory of Ecosystem Dynamics and Decomposing Systems	6	K=100%
AEF-EM037	Biodiversity and Ecosystem Services	6	SB=100%
<b>B6 - Ecohydrology and Geocology</b>			
AEF-agr076	Integrated Management of River Basins	6	SB=100%
AEF-EM018	Integrated Management of Wetlands	6	H=100%
AEF-EM027	Hydrological Modelling	6	H=100%
AEF-EM021	Managing Matter Fluxes & Ecotoxicological Effects	6	R=100%
<b>B7 - Human Development in Landscapes</b>			
MNF-eco-105	Long Term Analysis of Environmental Trends	6	P=100%
MNF-eco-106	Geoarchaeology and Holocene Palaeoecology – Reconstruction of Natural and Human Processes in Ecosystems	6	PA=100%
MNF-eco-107	Terrestrial Ecozones and Ecosystems	6	P=100%
<b>B8 - Functional Ecology</b>			
MNF-biol211	Introduction to Experimental Plant Ecology	5	PR=50%,



biol-205-I	Methods in Ecology – Research Practical	10	PR=20%, P=80%
MNF-eco-114	Plant x Environment Interactions	6	P=50% R=50%

**Bereich D: Complementary Methods, die Wahl von 6 Leistungspunkten wird empfohlen**

AEF-EM031	Ecosystem Modeling	6	P=100%
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**Part E: Open studies**

In Part E, each student obtains 12 credit points by choosing the modules according to the following rules:

- a) Courses not selected in Parts B, C and D
- b) Other courses offered by the Kiel School of Sustainability, provided there are no quantitative restrictions
- c) Courses offered by a higher education institution in the Federal Republic of Germany or an equivalent higher education institution abroad
- d) Courses from the general offer of Kiel University (CAU)

The selection of the modules in accordance with (c) and (d) must be approved by the examination body responsible for the Master's Environmental Management Programme.

**Legend:**

- P / WP: P = obligatory, WP: elective
- PL: Graded, H: Homework, PA: Project report, K: Written exam, P: Protocol,
- R: Paper, PR: Presentation, M: Oral exam, SB: Seminar paper
- LP: ECTS-credits

**Fourth semester**

Master's thesis – 30 credits

## Annex B:

### Conversion of grades awarded by UAM and CAU

		CAU ->	AMU ->	CAU	AMU
Verbal grade		Numerical grade	Numerical grade	Numerical grade	Percentage scale
CAU	AMU	CAU	ISU	CAU	
Sehr gut	Excellent [Celujący]	1	5	1	94 – 100
		1,3			86 – 93
Gut	Good [Dobry]	1,7	4	2	81 – 85
		2			76 – 80
		2,3			71 – 75
Befriedigend	Satisfactory [Dostateczny +]	2,7	3	3	69 – 70
		3			67 – 68
		3,3			64 – 66
Ausreichend	Sufficient [Dostateczny]	3,7			61 – 63
		4			60
NichtAusreichend	Insufficient [Niedostateczny]	> 4.0	<3	> 4.0	<60