

For information purposes only, the German original is binding.

**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 'Applied Ecology'  
leading to a Master of Science degree (M.Sc.)  
(Degree-specific examination regulations (FPO) Master in Applied Ecology (1-  
subject))  
of 19 May 2016**

Version published on 14 July 2016 (NBI. HS MSGWG Schl.-H. p. 56)

Based on Section 52 (1) 1 of the Schleswig-Holstein Higher Education Act (HSG) in the version published on 5 February 2016 (GVOBl. Schl.-H., p. 39), 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 27 April 2016 at Kiel University, the following Rules were issued:

- Section 1 Scope of application
- Section 2 Objective of the degree programme, purpose of the examination
- Section 3 Academic title
- Section 4 Admission to the Master's degree programme
- Section 5 Structure of curriculum
- Section 6 Recognition of study periods, coursework and examinations
- Section 7 Academic year
- Section 8 Teaching and examination language
- Section 9 Examination Board
- Section 10 Module examinations and module grades
- Section 11 Restriction of admission to compulsory or compulsory elective courses
- Section 12 Master's thesis
- Section 13 Assessment of the examination
- Section 14 Calculation of the final grade
- Section 15 Degree Certificate
- Section 16 Entry into force, expiry, transitional provisions

**§ 1  
Scope of application**

The Master's degree programme in Applied Ecology is a joint degree programme by

- Kiel University
- University of Poitiers (consortium leader)
- University of Coimbra and
- University of East Anglia, Norwich

In conjunction with the Examination Procedure Regulations for students of Bachelor's and Master's Degree Programmes (PVO), these Examination Regulations apply to the study of modules offered by the Faculty of Agricultural and Nutritional Sciences and the Faculty of Mathematics and Natural Sciences (Departments of Biology and Geography) at Kiel University. Modules offered by the other participating universities are regulated by the Examination Provisions applicable for the Master's degree programme in Applied Ecology at the respective university. Modules successfully completed at the other participating universities are recognised as part of this degree programme and will be duly allocated the ECTS credits.

## **§ 2**

### **Objective of the degree programme**

The “Master in Applied Ecology” Master's degree programme leads to a degree qualifying for a professional career. The final examination ascertains whether the candidate has obtained an advanced scientific-methodological qualification in the field of Applied Ecology.

## **§ 3**

### **Academic title**

Based on study of the degree programme of at least 6 months at Kiel University and the achievement of a final grade of at least 'sufficient' (ausreichend) in the successfully completed Master's degree programme, the Faculty of Agricultural and Nutritional Sciences and the Faculty of Mathematics and Natural Sciences will award the Master of Science degree (M.Sc.) in addition to a Master of Science awarded by one of the consortium partners (University of Poitiers, University of Coimbra, University of East Anglia in Norwich, Universidade Federal Do Rio Grande Do Sul) (double degree). Where at least six months of the degree programme have been respectively completed at more than two of the consortium partners, thereby achieving a final grade of at least 'sufficient' (ausreichend) in the completed Master's degree programme, the Master of Science will be awarded as a multiple degree from more than two of the consortium partners.

## **§ 4**

### **Admission to the Master's degree programme**

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

1. Successful completion of a Bachelor's examination awarding at least 180 ECTS credits in a natural science degree programme that includes specialisation in ecology, biology, population genetics or environmental sciences with a standard period of study of at least three years at a recognised German or foreign institution of higher education, or a comparable final examination in a related degree programme resulting in a minimum grade of 2.5.
2. A good knowledge of English. More details can be found in the study qualification rules (Studienqualifikationssatzung).
3. Fulfilment of subject-specific acceptance criteria in accordance with European Union requirements.

The Joint Examination Board of the consortium partners (IMAE Selection Committee) decides whether the admission requirements are met.

## **§ 5**

### **Structure of curriculum**

The standard period of study is two years. The degree programme is made up of one and a half years of advanced study, totalling 90 ECTS credits, plus preparation of the thesis (Master's thesis, 24 ECTS credits) and an additional module of 6 ECTS credits and 4 hours per week during the semester within an additional 6-month period. The type and number of examinations for the modules are listed in the annex. In order to acquire the academic title in accordance with Section 3, a minimum of 30 ECTS must be obtained at the CAU.

## **§ 6**

### **Recognition of study periods, coursework and examinations**

The related provisions of the Examination Procedure Regulations (PVO) apply for study periods, coursework and examinations performed at institutes not forming part of the IMAE consortium. The mutual recognition of study periods, coursework and examinations throughout the consortium occurs in accordance with the contractual agreements within the consortium.

## **§ 7**

### **Academic year**

- (1) The degree programme governed by these 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.

## **§ 8**

### **Teaching and examination language**

Lectures and examinations will be held in English. Exceptions: in the second year of study at the University of Poitiers, lectures and examinations will be held in French. In the second year of study at the Federal University of Rio Grande do Sul, lectures and examinations will be held in Portuguese or English.

## **§ 9**

### **Examination Board**

- (1) Organisation of examinations and other tasks assigned under these Examination Regulations is undertaken by the "IMAE Selection Committee" - to which two representatives of each of the universities participating in the IMAE consortium are appointed - and also by local Examination Boards.
- (2) The IMAE Selection Committee is responsible for
  - the final selection of students and
  - the organisation of examinations that concern at least two of the universities participating in the consortium.
- (3) Establishment of the IMAE Selection Committee and the allocation of additional tasks is performed on the basis of partnership agreements concluded within the consortium.
- (4) The Examination Boards of the respective universities are in accordance with the relevant statutory provisions.
- (5) Insofar as not otherwise regulated by the IMAE Selection Committee, the Examination Board responsible for the "Master in Applied Ecology" at Kiel University shall arrange the examinations to be completed at Kiel University and carry out the other tasks to be performed within the scope of the applicable degree-specific examination regulations (FPO) and Examination Procedure Regulations (PVO). In addition, this Examination Board will also undertake responsibilities assigned to it by the IMAE Selection Committee.
- (6) 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 person in the Faculty responsible for teaching matters, the degree programme and examinations is a member 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.

## **§ 10**

### **Module examinations and module grades**

- (1) The type and number of the module examinations to be provided as part of the modules can be found in the annex and the faculty notices. The Examination Board shall decide on exceptions to these rules.
- (2) Examinations may consist, in particular, of term papers, projects, written examinations, protocols, seminar contributions, oral presentations, presentations and oral examinations.
- (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) If a module examination consists of several examinations, the module grade will be calculated using the weighting of the individual examinations indicated in the annexes.

## **§ 11**

### **Restriction of admission to compulsory or compulsory elective courses**

- (1) The number of places available for the individual compulsory or compulsory elective courses will be determined by the Faculty Conventions at the request of the module coordinator. If more students initially register for the seminars or practical exercises than there are places available, the Examination Board will determine whether the remaining students can be accommodated through other 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 the CAU, 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) 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 4 of the Examination Procedure Regulations (PVO). In cases of doubt the Examination Board will decide.
- (3) The first examiner must be a professor or a person qualified to teach at professorial level (Habiltierter) who regularly holds lectures and who should belong to the Kiel University staff. Generally, a suitably qualified professor from one of the other universities participating in the consortium is to be appointed as a second examiner of the Master's thesis with equal standing (jointly supervised Master's thesis). The IMAE Selection Committee shall decide on exceptions to these rules.
- (4) The examination candidate may be required to report on the progress made concerning the thesis after four weeks within the framework of a colloquium open to the university public with the participation of students and teachers from the degree programme.
- (5) Students who have passed at least five module examinations may be admitted to a Master's thesis.

For information purposes only, the German original is binding.

- (6) The topic of the Master's thesis may be handed back only once and only within six weeks of the topic being issued.
- (7) The Master's thesis is to be written in English.
- (8) The period from when the topic is issued until the Master's thesis is submitted to the Examination Office is 26 weeks.
- (9) Three hard copies of the Master's thesis and additionally one digital copy are to be submitted to the responsible Examination Office in the form prescribed.
- (10) The Master's thesis will be assessed within six weeks of submission.

### § 13 Assessment of the examination

With respect to converting grades awarded by the Universidade Federal Do Rio Grande Do Sul to the Kiel University grading system, the agreement concluded by the Conference of Education Ministers (Kultusministerkonferenz) of 15 March 1991 regarding the determination of final grades from foreign university access certificates applies in the respectively applicable version (Bavarian formula).

In remainder, the following grades or their German equivalent apply with regard to the grading of examination performance:

Numerical National Marks				US grades	ECTS grades	ECTS Distinction
CAU	UEA	UC	UP			
1.0	75 →	19 →	17.5 →	A+	A+	EXCELLENT
1.3	70 → 74	17 → 18.9	16 → 17.4	A	A	
1.7	68 → 69	16 → 16.9	14.0 → 15.9	B+	B+	VERY GOOD
2.0	66 → 67	15 → 15.9	13..0 → 13.9		B	
2.3	65	14 → 14.9	12.0 → 12.9		B	
2.7	63 → 64	12 → 13.9	11.8 → 11.9	B-	C+	GOOD
3.0	61-62	11.5 → 11.9	11.5 → 11.7		C	
3.3	60	11 → 11.4	11.0 → 11.3	C+	D	SATISFACTORY
3.7	55 → 59	10.5 → 10.9	10.5 → 10.9		C	
4.0	50 → 54	10 → 10.4	10 → 10.4	F	E	SUFFICIENT
4.0 →	← 50	← 10	← 10		F	
						FAIL

## **§ 14**

### **Calculation of the final grade**

- (1) The Master's examination has been passed if all the necessary module examinations in the compulsory section indicated in Annex 1 "Study programme" 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 calculation of the final grade includes:
  - a. the marks for the compulsory modules weighted with the ECTS credits allocated to the relevant module,
  - b. the grade for the Master's thesis with 24 ECTS credits, and
  - c. the section grades for the compulsory elective sections as indicated in the appendix, weighted with the ECTS credits allocated to the relevant compulsory elective section. For the calculation of the section grade, the grades of the modules taken in the compulsory elective section will be weighted with the ECTS credits allocated to the relevant module. The best grades of the module assigned to the optional section will be taken into account for the calculation, whose total ECTS credits must reach at least the number of ECTS credits required for the optional section. If the ECTS credits for the final module taken into account exceed the total of ECTS credits required for the compulsory elective section, only ECTS credits up to attainment of the total number of ECTS credits required will be taken into account.

## **§ 15**

### **Degree Certificate**

Within a period of four weeks of awarding of the final grade, candidates who have successfully passed the Master's examination will receive a certificate in accordance with the examination procedure regulations and the contractual regulations applicable within the consortium, insofar as these extend beyond the specified regulation.

## **§ 16**

### **Entry into force, expiry, transitional provisions**

- (1) These rules enter into force on 1 October 2016.
- (2) At the same time, the 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 'Applied Ecology' leading to a Master of Science degree (M.Sc.) of 8 September 2010 (NBI. MWV. Schl.-H., p 63), amended by the Rules of 15 July 2015 (NBI. HS MSGWG Schl.-H., p. 138), cease to be in force.
- (3) It is possible for students who are registered for the Master of Science degree programme in Applied Ecology at Christian-Albrechts-Universität zu Kiel at the time when these Rules enter into force to obtain a degree up until 10 December 2018 in accordance with the degree-specific examination regulations which ceased to be in force pursuant to Paragraph 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 Paragraph 2 are no longer offered, the Examination Board will name replacement modules.
- (4) 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.

For information purposes only, the German original is binding.

- (5) 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.
- (6) Examinations failed before these Rules 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.
- (7) The Examination Board decides regarding special cases of hardship for which the student is not responsible.

The University Board at Kiel University granted its approval in accordance with Section 52 (1) 1 of the Higher Education Act in its letter dated 18 May 2016.

Kiel, 19 May 2016

Prof. Dr E. Hartung  
Dean of the Faculty of Agricultural and Nutritional Sciences  
Kiel University (CAU)

Prof. Dr W.J. Duschl  
Dean of the Faculty of Mathematics and Natural Sciences  
Kiel University (CAU)

<b>Annex: Study programme “Master in Applied Ecology”</b>
-----------------------------------------------------------

**Explanations:**

Code: Course Identification Code  
 Title: Title of the module  
 Credits: CR

**Evaluations: = in %**

Oral exam = OE  
 Written Examination = WE  
 Presentation = DF  
 Exercise = E  
 Project = SP<sup>1</sup>  
 Report/Protocol = RP

Code	Title	CR	WE	OE	RP
SP	DF				
<b>First Semester (Period P0 &amp; P1):30 ECTS</b>					
<b>University of Poitiers elective courses P1-1(27 ECTS have to be selected)</b>					
UP-001	Intensive Training in French Language	0	50%	50%	
UP-101	Ethology and Behavioral Ecology	3	67%	11%	22%
UP-102	Molecular Ecology	3	80%	20%	
UP-103	Management of Ecosystem Biodiversity – Field Studies	2		20%	30% 50%
UP-104	Methods in Evolutionary and Applied Ecology	2		100%	
UP-105	Multilingual Creation of international resources in ecology (with language Training in German, Portuguese or French)	2	25%	25%	50%
UP-106	Research in Ecology - Seminars & Workshop	3		20%	60% 20%
UP-107	Advanced projects of pluridisciplinary approaches in applied ecology Model-	3		50%	50%
UP-108	ling & Statistics tools in ecology	3		50%	50%
UP-111	Ecosystem Services and Conservation in Andean Watersheds – Field Studies	2		100%	
UP-112	Indigenous Groups, Oil Industry and Ecosystem Conservation in Biodiversity Hotspots – Field Studies	2		100%	
UP-113	Natural Resource Use and Tourism in Fragile Ecosystems of the Galapagos Islands – Field Studies	2		100%	
UP-114	Project or Laboratory training - advanced experience	3			100%
<b>University of Poitiers elective courses P1-2 (3 ECTS have to be selected)</b>					
UP-109	Principles of Ecosystem Analysis I - Taught by CAU Teachers	3	100%		
UP-110	Ecological Risk Assessment of Contaminated Sites- taught by UC teachers	3		30%	70%

---

<sup>1</sup> SP comprises the presentation of results and the delivery of the written documentation

**Second Semester (Period 2a or 2b): 30 ECTS**

**Period 2a - University of Coimbra elective courses (30 ECTS have to be selected)**

Code	Title	CR	WE	OE	RP	SP	DF
UC-201	Environmental Quality Assessment	6				100%	
UC-202	Ecotoxicology & Ecological Risk Assessment	6			30%	70%	
UC-203	Bioremediation – Field Studies	6			30%	70%	
UC-204	Bio-monitoring & Biodiversity Management – Field Studies	6				100%	
UC-205	Biogeochemical Cycles & Environmental Assessment of Wetlands – Field Studies	6				100%	
UC-206	Stream Ecology and Monitoring – Field Studies	6				100%	
UC-207/307	Laboratory and field studies in Ecology			8		100%	

**Period 2b - Christian-Albrechts-Universitaet zu Kiel, elective courses (30 ECTS have to be selected)**

MNF-eco-103	Long-Term Development of Landscapes – Field Studies	6				100%	
MNF-eco-110	Terrestrial Ecosystems – Field Studies	6			100%		
MNF-eco-111	Freshwater & Wetland Ecosystems – Field Studies	6				100%	
AEF-EM023	Fieldtrip Hydrobiology Poland	6			100%		
AEF-EM012	Coastal & Marine Ecosystems – Field Studies	6			100%		
AEF-EM039	Economic Aspects of Environmental Management	6	100%				
AEF-EM011	Principles of Ecosystem Analysis	6					100%
AEF-EM022	Ecological Indicators	6			100%		
AEF-EM016	Ecology of Soils – Practical Exercises	6		100%			
MNF-biol224	Applied Aquatic Ecology	5			100%		
MNF-biol205-I	Methods in Ecology/ Forschungspraktikum I	10			80%		20%
AEF-EM031	Modelling Ecosystems – Practical Exercises	6			100%		
AEF-EM013	Digital Spatial Analysis – Practical	6			100%		
MNF-biol240	Freilandökologie	5				100%	
MNF-bioc-232	Current Research Topics in Marine Ecology I	4			100%		
	Free elective out of the overall CAU-Offer, after recognition by the CAU- Exam-Board						

**Third Semester (Period 3a or 3b or 3c or 3d or 3e): 30 ECTS**

**Period 3a - University of Coimbra compulsory course**

Code	Title	CR	WE	OE	RP	SP	DF
UC-301	Advanced Data Analysis in Ecology	6				100%	

**Period 3a - University of Coimbra elective courses (24 ECTS have to be selected)**

UC-302	Advanced Concepts in Ecology	6				100%	
UC-303	Disturb Streams: Hydrology, Ecology and Management	3	70%			30%	
UC-304	Remote Sensing and Geographic Information Systems (GIS) in Environmental Sciences	6		50%		50%	
UC-305	Introduction to Scientific Writing	3				100%	
UC-306	Seminars in Ecology	4		100%			
UC-207/307	Laboratory and field studies in Ecology	8			100%		

**Period 3b . University of Poitiers compulsory courses (12 ECTS)**

Code	Title	CR	WE	OE	RP	SP	DF
UP-307	Communication & Professional Skills	6			100%		
UP-308	Statistics & Geographic Information Systems (GIS) tools – Field Studies	6			100%		

**Period 3b - University of Poitiers elective courses (18 ECTS have to be selected)**

UP-301	Natural Resources & Natural Areas – Field Studies	6	50%		50%		
UP-302	Ecosystem Management, Protection and Valorisation – Field Studies	6	50%		50%		
UP-303	Environmental law enforcement & Environmental Economics	6	50%		50%		
UP-304	Symbiotic Systems	6	50%			50%	
UP-305	Evolutionary Ecology	6	80%			20%	
UP-306	Evolutionary Genetics	6	80%			20%	

For information purposes only, the German original is binding.

**Period 3c- University of East Anglia compulsory courses (9 ECTS)**

Code	Title	CR	WE	OE	RP	SP	DF
ENV-MA17	Evidence-Based Biodiversity Conservation	6			70%	30%	
BIO-M517	Multivariate Statistics	3			100%		

**Period 3b - University of East Anglia elective courses (21 ECTS have to be selected)**

ENV-MA51	Climate Change: Physical Science Basis	6			100%		
DEV-M106	Globalised Agriculture and Food Systems	6			100%		
BIO-M522	Evolutionary Biology and Conservation Genetics	3			70%		30%
BIO-M68Y	Issues in Conservation	3			70%	30%	
BIO-M56Y	Practical Conservation and Work Experience – Field Studies	3			50%		50%
BIO-M512	Restoration Ecology – Field Studies	3			50%	50%	
BIO-M55Y	Ecological Survey Methods	6			70%	20%	10%
ENV-MA11	Modelling Environmental Processes	6			80%	20%	
ENV-MA13	GIS and its Applications for Modelling Ecological and Environmental Change	3			80%		20%
BIO-M519	Univariate Statistics	3			100%		
ENV-MA08	Economics and Ecosystem Services	6	50%		50%		
ENV-MA11	Statistics and Modelling for Scientists using R	6			100%		
ENV-MA24	Environmental Pollution- Science, Policy and Management	6			67%	33%	
ENV-MA68	Energy and Climate Change	6			70%	30%	
ENV-MA73	Sustainable Consumption	6			100%		
ENV-MA87	Stable Isotope Geochemistry	6			100%		

For information purposes only, the German original is binding.

Period 3d - Christian-Albrechts-Universitaet zu Kiel, elective courses (30 ECTS have to be selected)

Code	Title	CR	WE	OE	RP	SP	DF
AEF-EM009	Principles of Environmental Economics & Environmental Planning	6		100%			
AEF-EM033	Ecosystem Development and Ecosystem Protection	6		100%			
AEF-EM019	Advanced Ecosystem Analysis in Environmental Management	6				100%	
MNF-eco-105	Long Term Analysis of Environmental Trends	6			100%		
AEF-EM025	Theory of Ecosystem Dynamics and Decomposing Systems	6	100%				
AEF-EM010	Nutrient Cycles and Sustainability	6	100%				
AEF-EM008	Identification and Modelling of Chemical Key Processes	6	100%				
MNF-eco-107	Terrestrial Ecozones and Ecosystems	6			100%		
MNF-biol221	Evolution of UV-B resistance	5			100%		
AEF-EM036	GIS and Population Dynamics in Landscapes	6			100%		
MNF-bioc-332	Current Research Topics in Marine Ecology II	5					100%
MNF-eco 114	Plant x Environment Interactions	6				100%	
	Free elective- out of the overall CAU-Offer, after recognition by the CAU-Exam-Board	6					

For information purposes only, the German original is binding.

Period 3e - Universidade Federal Do Rio Grande Do Sul (30 ECTS have to be selected)

Code Title CR WE OE RP

SP DF

Period 3e - Universidade Federal Do Rio Grande Do Sul, compulsory courses (15 ECTS have to be selected)

UFRGS-301	Biodiversity Conservation – Field Studies	5	70%		30%
UFRGS-302	Theory and Analysis of Community Assembly and Organization	4			100%
UFRGS-303	Measures and Assessment of Biodiversity – Field Studies	6		50%	50%

Period 3e - Universidade Federal Do Rio Grande Do Sul, elective courses (15 ECTS have to be selected)

UFRGS-304	Statistics Applied to Ecology	6	40%		60%
UFRGS-305	Ecology, Conservation and Management of Subtropical and Tropical Grassland – Field Studies	6		33%	33%
UFRGS-306	Landscape Ecology	5	30%	30%	40%
UFRGS-307	Restoration Ecology – Field Studies	5	60%	20%	20%
UFRGS-308	Biomarkers for Environmental Diagnostics and Monitoring	4		100%	
UFRGS-309	Aquatic Ecology – Field Studies	6	100%		
UFRGS-310	Ecological Entomology	4	50%	50%	
UFRGS-311	Biology of Crustaceans	5		100%	
UFRGS-312	Physiological Responses to Environmental Stress in Plants	5	60%		40%
UFRGS-313	Taxonomy of South Brazilian Forest Plant Species – Field Studies	6			50%
UFRGS-314	Geographic Information Systems (GIS) in Ecology	4		60%	40%
UFRGS-315	Introduction to Linear Models in Ecology	4	100%		

**Fourth Semester (Period 4a or 4b or 4c or 4d or 4e): 30 ECTS**

**Period 4a - University of Coimbra compulsory courses**

Code	Title	CR	WE	OE	RP	SP	DF
UC-401	Project Management & Research Skills	6			100%		
UC-402	Master Thesis - Research Project & Dissertation	24			70%		30%

**Period 4b - University of Poitiers compulsory courses**

UP-401	Project Management & Research Skills	6			100%		
UP-402	Master Thesis: Research Project & Dissertation	24			70%		30%

**Period 4c - University of East Anglia compulsory courses**

UEA-401	Project Management & Research Skills	6			100%		
UEA-402	Master Thesis: Research Project & Dissertation	24			70%		30%

**Period 4d - Christian-Albrechts-Universitaet zu Kiel compulsory courses**

CAU-401	Project Management & Research Skills	6			100%		
CAU-402	Master Thesis: Research Project & Dissertation	24				100%	

**Period 4e - Universidade Federal Do Rio Grande Do Sul compulsory courses**

UFRGS-401	Project Management & Research Skills	6			100%		
UFRGS-402	Master Thesis: Research Project & Dissertation	24			70%		30%

--