

**Examination Regulations (Rules)
of the Faculty of Business, Economics and Social Sciences
at Christian-Albrechts-Universität zu Kiel (Kiel University)
for students of the
'Environmental & Resource Economics'
Master of Science (M.Sc.) degree programme
of 6 February 2014**

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Based on Section 52 (1) of the Schleswig-Holstein Higher Education Act (HSG) of 28 February 2007 (GVOBl. Schleswig-Holstein, page 184), most recently amended by the Act of 22 August 2013 (GVOBl. Schleswig-Holstein, page 365), after a resolution was passed by the Convention of the Faculty of Business, Economics and Social Sciences of 22 January 2014 the following Rules were issued:

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For information purposes only, the German original is binding.

§ 1 Scope of application

- (1) These degree-specific Examination Regulations 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 and Resource Economics".
- (2) They apply to
 1. all modules which are exclusively part of the degree programmes regulated by these Examination Regulations,
 2. all modules which are part of the degree programmes regulated by these Examination Regulations, and which are simultaneously part of other degree programmes as exported modules.
- (3) When not stated otherwise in these Examination Regulations, admission to modules offered by other faculties or other institutes of the same faculty and the respective module examinations are subject to the examination regulations of the respective faculties or institutes.

§ 2 Objective of the degree programme

The Master's degree following on from the Bachelor's degree is a more advanced degree qualifying for a professional career in economic studies. It aims to equip graduates with the ability to assume tasks with a high level of responsibility in companies or in public administration senior service, as well as in organisations and associations or as freelancers and to qualify them for independent scientific work.

§ 3 Academic title

The student is awarded the degree of Master of Science (M.Sc.) by the Faculty of Business, Economics and Social Sciences if he or she has passed the Master's examination.

§ 4 Structure of curriculum

The standard period of study for the Master's degree programme is four semesters. The degree programme encompasses approximately 50 weekly 45-minute teaching units for the duration of one semester of about 12 weeks (Semesterwochenstunden - SWS) and 120 ECTS credits, including 30 ECTS credits for the Master's thesis.

§ 5 Academic year

- (1) The degree programmes governed by these degree-specific Examination Regulations are structured by academic year, beginning with the winter semester. As a general rule, a course will be offered once a year. 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 to the Master's degree programme in Environmental and Resource Economics for both odd and even-numbered semesters are possible in winter and summer semesters. Starting the degree programme in the winter semester is strongly recommended, as the modules in Advanced Microeconomics, Economic Growth and Econometrics I are only offered in the winter semester. These modules are fundamental for the optional modules.

§ 6 Admission to the Master's degree programme

- (1) Anyone who has completed a Bachelor's degree programme with a standard period of study of at least three years at a German or comparable foreign institution of higher education can be admitted to the Master's degree programme. The candidate must have obtained at least 180 ECTS credits, have a grade of 2.5 or higher, or passed a comparable final examination. The candidate must produce proof of a total of 35 ECTS credits from courses in Economics, in particular covering Micro- and Macroeconomic Theory, and from courses in Quantitative Basics, in particular covering Analysis, Algebra, Statistics and Econometrics. The contents of these courses must not overlap. Of these 35 ECTS credits

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mentioned above, at least 10 ECTS credits must come from courses in the section of Microeconomic Theory, at least 5 ECTS from courses in Macroeconomic Theory, and at least 10 ECTS from courses in Quantitative Basics. Content-related proof of the required basic knowledge must be provided by submitting an official module handbook or a module description that has been confirmed by the university.

- (2) Anyone who has completed a Bachelor's degree programme in accordance with paragraph 1 with a grade of 3.0 or higher can be admitted to the Master's degree programme if he or she can produce proof of 35 ECTS credits in accordance with paragraph 1, and if the average grade, weighted by ECTS credits, from the courses in economics, mathematics, statistics and econometrics is 2.5 or higher.
- (3) The Chair of the Examination Board decides whether the admission requirements of (1) and (2) are met and may impose conditions such as sitting certain examinations in order to qualify for admission.
- (4) The language requirements can be found in the study qualification rules (*Studienqualifikationssatzung*).

§ 7 Restriction of admission to courses

- (1) The number of places available for the individual compulsory or optional courses is determined by the Faculty Convention. If more students initially register for the seminars and practical exercises than there are places available, the module coordinator determines whether the remaining students can be accommodated through other or additional courses.
- (2) If it is not possible to accommodate the remaining students, the person responsible for the course will select the students among those who are registered for a degree programme in which the course is envisaged as part of the curriculum, who have registered in due time before the deadline set by the responsible person and who satisfy the conditions for participation. They will be selected as follows: Half of the places available are assigned based on the length of the waiting time. Preference is to be given to those students, whose number of semesters would be increased by non-admission. The remaining places are assigned by drawing lots. In order to avoid cases of hardship, the responsible committee may deviate from this order upon request.

§ 8 Purpose of the examination

The purpose of the Master's examination is to determine whether the candidate:

1. can explain and interpret the basic concepts and methods in microeconomic theory and environmental and resource economics;
2. has obtained a broad, in-depth, critical and up-to-date knowledge in several sub-branches of economics, in particular in environmental and resource economics;
3. is capable of independently acquiring new knowledge and skills;
4. is able to evaluate the main research methods in economics and environmental and resource economics;
5. is able to apply this knowledge to independently solve complex issues;
6. is capable of developing and applying his/her own ideas.

§ 9 Teaching and examination language

Lectures and examinations will be held in English. Individual optional courses may be offered in German.

§ 10 Examination Board

The Examination Board may delegate the responsibility for deciding whether the student has passed or failed a final Master's examination as well as for appeals against examination decisions to the Chair in accordance with the Examination Procedure Regulations (PVO).

§ 11 Examination subjects and ECTS credits

- (1) Module examinations must be taken in the following subjects:

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| 1. Compulsory Section in Economics | 15 ECTS |
| 2. Compulsory Section in Environmental Economics | 15 ECTS |
| 3. Compulsory Section in Econometrics | 15 ECTS |
| 4. Optional Section in Economics | 15 ECTS |
| 5. Optional Section in Environmental Economics | 10 ECTS |
| 6. Minor Subject | 20 ECTS |
| 7. Master's thesis | 30 ECTS |
- (2) Three optional modules in Economics are to be selected in the Optional Section in Economics. Two of these must be lecture modules and one must be a seminar module. The modules which can be selected can be found in Appendix 4.
- (3) Two optional modules in Environmental and Resource Economics are to be selected in the Optional Section in Environmental Economics. One of these must be a lecture module and one must be a seminar module. The modules which can be selected can be found in Appendix 5.
- (4) The contents of the Minor Subject can be found in:
- a) Appendix 7.1 for Political Science
 - b) Appendix 7.2 for Geography and Ecology
 - c) Appendix 7.3 for Ethics.
- (5) The type and number of the module examinations to be taken within the framework of the modules can be found in the Annex - Programme Schedules for the Master's in Environmental and Resource Economics.
- (6) The lecturer must inform the Dean of Studies about any intentional changes to the range on offer in the Optional Section in Economics.

§ 12 Module examinations

- (1) The type and number of module examinations required as part of the modules can be found in Annex 1 and 2.
- (2) The duration of an oral examination must be at least 15 minutes, but must not exceed 45 minutes. The duration of a written test must be at least 45 minutes and no longer than 120 minutes.
- (3) In seminars, the grade is calculated from the performance in a seminar contribution, which generally consists of two examination elements whose contents are related (assignment and seminar paper), but can also consist of other interrelated achievements (e.g. critical analysis of a seminar paper (Ko-Referat), leading discussions). These are to be found in the module handbook.
- (4) The result of a written examination must be announced six weeks after the examination date at the latest.

§ 12 a Regular attendance at lectures

- (1) Regular attendance at lectures by the students may be demanded for excursions, language courses, work experience or practical exercises and also in "comparable lectures" within the meaning of Section 52 (12) of the Schleswig-Holstein Higher Education Act (HSG). A lecture is particularly comparable within the meaning of Section 8 (7) of the Examination Procedure Regulations (PVO) if regular attendance by the student is necessary in order to grasp the basic subject-specific methods and acquisition of the skills depends on attendance by the other participants.
- This is regularly the case with the designated economics and statistical-econometric seminars in this degree programme, because they require the joint reading, analysis and interpretation of literature that is relevant to the research, as well as scientific discussions between the students themselves and with lecturers, in addition to individual seminar papers by the students. The seminars are not mainly designed for the lecturers to pass on the knowledge, instead they primarily serve to teach students expert discourse, both in

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terms of conveying research findings, discourse over research strategies and methods, as well as the economic policy consequences of economic research findings. In order to achieve these aims, the Convention of the Faculty of Business, Economics and Social Sciences decided on a maximum number of students permitted to attend a seminar.

- (2) Attendance is considered regular if the student does not miss more than 25% of the attendance time. This required attendance time can be found in the module handbook. The Examination Board decides regarding justified exceptional cases.

§ 13 Resitting module examinations

For every module, at least one examination in the first examination period, and one in the second examination period will take place during the semester in which the module is offered.

§ 14 Master's thesis

- (1) Any candidate who has obtained at least 60 ECTS credits from module examinations may be admitted to the Master's thesis.
- (2) The topic of the Master's thesis is issued based on a proposition from the candidate in consultation with the examiner, following approval by the Chairperson of the Examination Board. The Master's thesis may be produced in one of the Minor Subjects. If the topics are not taken from Minor Subjects offered by the faculty, they shall demonstrate reference to business studies.
- (3) The period from when the topic is issued until the Master's thesis is submitted is six months. This deadline may only be extended in accordance with the PVO requirements, and not by more than three months.
- (4) The topic of the Master's thesis may be handed back only once and only within the first two months.
- (5) The Master's thesis must not exceed 80 pages. Details are determined by the Examination Board. The Master's thesis is to be written in English. The thesis may also be written in German with the approval of the examiner.
- (6) The Master's thesis is to be submitted on time to the responsible Examination Office in the form of two hard copies and additionally one copy in a form suitable for electronic data processing.

§ 15 Calculation of the final grade and section grades

- (1) In the overall grade, the grade for the Master's thesis and the section grades are weighted as follows:
- | | |
|--|--------|
| 1. Compulsory section in Economics | 15/120 |
| 2. Compulsory section in Environmental Economics | 15/120 |
| 3. Compulsory section in Econometrics | 15/120 |
| 4. Optional section in Economics | 15/120 |
| 5. Optional Section in Environmental Economics | 10/120 |
| 6. Minor Subject | 20/120 |
| 7. Master Thesis | 30/120 |
- (2) One section grade for each of the sections above will be calculated.
- (3) The modules are incorporated into the section grade, weighted by ECTS credits. If a candidate has passed more modules in a section than the curriculum requires, those module examinations which the candidate passed first are used when calculating the section grade. The section grade for the Minor Subject is calculated from the module grades weighted by ECTS credits, if this is not otherwise regulated by the subject or institute offering the subject.

§ 16 Recognition of examinations

The provisions regarding recognition in the Recognition Rules (Anerkennungssatzung) apply.

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§ 17 Entry into force und transitional provisions

These Examination Regulations enter into force as of 1 July 2014. They apply to all individuals applying and registering at Kiel University for the winter semester 2014/15 or later, for the Environmental and Resource Economics degree programme resulting in a Master of Science degree.

The University Board at Kiel University granted its approval in accordance with Section 52 (1) of the Schleswig-Holstein Higher Education Act in its letter dated 6 February 2014.

Kiel, 6 February 2014

Professor Horst Raff, Ph.D.
Dean of the Faculty of Business, Economics and Social Sciences
of Kiel University

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Annex 1 Programme Schedule Master Environmental and Resource Economics

1. Sem	Advanced Microeconomics		Economic Growth	Minor Subject	Environmental Economics	Econometrics I
2. Sem	Resource Economics	Environmental Valuation	Wahlmodul Economics		Multivariate Methods or Microeconometrics	Econometrics II
3. Sem*	Seminar in Environmental Economics	Wahlmodul Environmental Economics	Seminar in Economics incl. Environmental Economics			Wahlmodul Economics
4. Sem	Master Thesis					

*recommended for a semester abroad

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Annex 2 Curriculum for the Master's in Environmental and Resource Economics

	Section	Module	Examination	SWS	ECTS Module	ECTS Section
Compulsory section	Economics	Advanced Microeconomics	Ex	4L + 2E	10	15
		Economic Growth	Ex	2L + 2E	5	
	Environmental Economics	Environmental Economics	Ex	2L + 2E	5	15
		Resource Economics	Ex	2L + 2E	5	
		Environmental Valuation	Ex	2L + 2E	5	
	Econometrics	Econometrics I	Ex	2L + 2E	5	15
Econometrics II		Ex	2L + 1E	5		
Multivariate Methods / Microeconometrics		Ex	2L + 1E	5		
Optional section	Economics	Optional module 1	Ex/ O	2L + E	5	15
		Optional module 2	Ex / O	2L + E	5	
		Seminar incl. range on offer from Environmental Economics	S	2	5	
	Environmental Economics	Optional module	Ex / O	2L + E	5	10
		Seminar	S	2	5	
Minor subject	Depends on the subject chosen, see Appendix 6 for examinations and SWS.					20
Master's thesis						30
Total						120

SWS: Semesterwochenstunden = weekly 45-minute teaching units; Ex = written examination, O = oral examination, S: Seminar contribution; L = lecture; E = practical exercises/tutorial

Appendices 1 – 7.3

Please find the following Appendices

Appendix 1 Glossary

Appendix 2 Compulsory Section in Economics (1020004)

Appendix 3 Compulsory Section Environmental and Resource Economics (1050004)

Appendix 4 Compulsory Section in Econometrics (1030004)

Appendix 5 Optional Section in Economics (1060004)

Appendix 6 Optional Section in Environmental Economics (1080004)

Appendix 7 Minor Subject

Appendix 7.1 Political Science

Appendix 7.2 Geography and Ecology

Appendix 7.3 Ethics

in the German original: <http://www.studservice.uni-kiel.de/sta/fachpruefungsordnung-environmental-and-resource-economics-master-1-fach.pdf>