

**Examination Regulations (Rules)
of the Faculty of Mathematical and Natural Sciences
at Christian-Albrechts-Universität zu Kiel (Kiel University)
for students of Geosciences, leading to a
Master of Science degree (M.Sc.) in “Marine Geosciences” - 2020
(Degree-specific examination regulations (FPO) Marine Geosciences (1-subject)
– 2020)
of 14 February 2020**

Article 3 of the statute of 14 February 2020, published on 8 April 2020 (NBl. HS MBWK Schl.-H. p. 13)

Based on Section 52 (1) 1 of the Schleswig-Holstein Higher Education Act (HSG) in the version published on 5 February 2016 (GVObI. 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 Convention of the Faculty of Mathematics and Natural Sciences of 22 January 2020, the following Rules were issued:

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**§ 1
Scope of application**

- (1) These Examination Regulations (FPO) in conjunction with the Examination Procedure Regulations (Rules) of Kiel University for students of Bachelor’s and Master’s Degree Programmes (PVO) apply to the Master’s degree programme in “Marine Geosciences” at Kiel University.
- (2) Admission to modules offered by other faculties or other institutes of the same faculty and the respective examinations are subject to the examination regulations of the respective faculties or institutes.

**§ 2
Academic year**

- (1) The academic year applies to the courses in these Examination Regulations. Courses for both new students and returning students from odd-numbered semesters are only offered

in a winter semester.

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

§ 3

Teaching and examination language

Lectures and examinations will be held in English. More details can be found in the study qualification rules (Studienqualifikationssatzung).

§ 4

Module examinations and module grades; Admission to exercises and courses

- (1) The type and number of examinations required as part of the modules can be found in the Annex.
- (2) If a module examination consists of several examinations, the module grade will be calculated using the weighting of the individual examinations indicated in the Annex.
- (3) Participation in an exercise can be linked to passing a theoretical part which took place beforehand in the same module. Details will be published in a suitable manner at the start of the semester.

§ 5

Further prerequisites for admission to examinations

- (1) If a module contains field trips, lab courses and practical exercises, admission to the examination requires regular attendance at these courses. This does not apply to the practical exercise in the module mageoMaCCG-02a.
- (2) In addition to this, regular attendance is required for the lectures listed here:
1. Regular attendance is necessary for the seminars in the M.Sc. degree programme in Marine Geosciences, in the modules mageoMaCMT-01a, mageoMaCFEM-01a, mageoMaCPB-01a, mageoMaCSus-01a, magoMaCECG2-01a, mageoMaCECT-01a, mageoMaCEMIG-01a and mageoMaCEPBG-01a, because the students use scientific sources to prepare and hold oral presentations, followed by a scientific discussion of the contents together with the remaining participants and the lecturer. 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.
 2. Regular attendance is necessary for the field trips in the Master's degree programme in Marine Geosciences, in the modules mageoMaCFEM-01a, mageoMaCFEP-01a, mageoMaCPB-01a, mageoMaCMPE-01a, mageoMaCEAP-01a, magoMaCECG2-01a, mageoMaCESM2-01a and mageoMaCEPBG-01a, because the learning objectives in terms of content and methodology can only be conveyed when the students and the lecturers are together in a particular location.
- (3) In the case of courses which run weekly through the entire lecture period, regular attendance means that a student has not missed more than one course date without giving reasons for the non-attendance. If a student misses more dates - but not more than a total of 40% of all course dates - due to illness or other good reasons, the authorised examining teacher responsible for the course may authorise the student to make up for the parts missed by delivering an equivalent achievement, as long as this type of course permits it. However, students do not have the right to demand this.
- (4) The requirements for admission to the examinations for the imported subjects are contained in the degree-specific examination regulations of the department offering the course.
- (5) In addition, examination prerequisites can be demanded for all examinations as a requirement for admission. Examination prerequisites can take the form of successfully

processing exercise tasks or homework, successfully presenting the processed exercise tasks or homework on the board or using other media, seminar presentations, oral presentations, oral presentations with written reports, chairing an oral presentation, correcting while present, successful written certificates, participation in mock exams, successful written reports, protocols or joint reading. The lecturer specifies an appropriate selection from these options as the actual examination prerequisites to be completed for admission to the examination and announces them and any other details in a suitable manner at the start of the course.

- (6) The further prerequisites for admission to examinations can be found in the Annex.

§ 6

Master's thesis

- (1) When applying for admission to the Master's thesis, the candidate may propose supervisors and a topic for the thesis, without this giving rise to any 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 the Examination Procedure Regulations for students of Bachelor's and Master's Degree Programmes (PVO). In cases of doubt the Examination Board will decide.
- (3) The Master's thesis is to be written in English. The Master's thesis must be accompanied by an abstract, written in both English and German.
- (4) The Master's thesis is to be submitted to the responsible Examination Office in the form of two hard copies and additionally one copy saved in a medium suitable for electronic data processing. The medium remains in the Examination Office.
- (5) The Master's thesis will be assessed by two written reports within six weeks of submission.
- (6) Students who have obtained at least 60 ECTS credits from completed modules in compulsory and compulsory elective modules may be admitted to the Master's thesis.
- (7) The period from when the topic is issued until the Master's thesis is submitted is six months. The provisions of the respectively valid version of the Examination Procedure Regulations (PVO) apply for extending the preparation period.
- (8) The topic of the Master's thesis may be handed back only once and only within the first six weeks.
- (9) In the "Marine Geosciences" degree programme, the grade for the Master's thesis is calculated as follows: 70% comes from the grade for the written thesis and 30% comes from the grade for the oral presentation of its content (defence). The oral presentation (defence) must be conducted within six weeks of submitting the paper. The date for the oral presentation is set by the first examiner.

§ 7

Restriction of admission to compulsory or compulsory elective courses

- (1) If more students initially register for compulsory or compulsory elective courses 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 the remaining students on compulsory courses, the person responsible for the course will select the students among those who are registered for degree programmes 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. The selection will be based on the following criteria:
 1. The first entitlement goes to students for whom attendance at this specific course is essential for them to duly complete their studies according to the curriculum, and who, in the previous semester, were set back by one semester due to capacities.
 2. The second entitlement goes to students who are currently in the semester for which the course is envisaged according to the curriculum, and to students who did not obtain the necessary certificate in the previous semester and therefore would have to retake the course in accordance with these Examination Regulations. Within this entitlement, the first group is entitled to 90% of the places and the second group to 10%.
 3. The third entitlement goes to students who are not currently in the semester for which the course is envisaged according to the curriculum and who register for the course at issue for the first time, and to students who already received a place on the course at issue in a previous semester but had to give it up with valid reasons in accordance with Section 52 (4) of the Schleswig-Holstein Higher Education Act, or for a comparable reason.
 4. The fourth entitlement goes to students who already received a place on the course at issue in a previous semester and who did not attend the course, without evidence of a valid reason.

In the case of equal entitlement, the student with fewer semesters will be selected. If the number of semesters is the same, students will be selected by drawing lots. In cases of hardship the Examination Board shall decide.

- (3) If more students who fulfil the requirements for participation sign up for compulsory elective courses than there are places available, students will be selected by drawing lots.

§ 8

Examination Board

- (1) An Examination Board will be deployed for the M.Sc. Marine Geosciences.
- (2) The members of the Examination Board can pass on the tasks of the Board to the elected chairperson and his/her deputies in all normal cases.
- (3) The members of the Examination Board elect a chairperson and a deputy chairperson from among their number. Contrary to the provisions of the Examination Procedure Regulations (PVO), members from the scientific staff group can also be selected in addition to members from the university lecturers' group, as long as they are qualified to teach at professorial level, work as private lecturers or are appointed as assistant professors in the Department of Geosciences at Kiel University.

§ 9

Objective of the degree programme

In the research-oriented Master's degree programme which is the subject of these Regulations, students are provided with advanced knowledge in the selected subject areas as well as the skills required for independently carrying out project work and presenting the results. The Master's degree is regarded as proof that graduates are capable of performing independent,

scientific work in their subject area. They are also accordingly qualified for professional careers. The degree also serves to qualify for a doctoral degree programme.

§ 10 Structure of curriculum

- (1) The following applies for the M.Sc. Marine Geosciences:
 1. The standard period of study for the Master's degree programme in Marine Geosciences is four semesters. The degree programme covers 67 to 77 weekly 45-minute teaching units for the duration of one semester of about 12 weeks (Semesterwochenstunden - SWS, depending on choices made), plus three field trip days and four to six weeks of project work. This results in a total of 120 ECTS credit points, of which 30 ECTS are for the Master's thesis (paper and defence).
 2. 40 ECTS must be completed in the compulsory section "Foundations" (1st and 2nd semester).
 3. 25 ECTS must be completed in the compulsory elective section "Practical Training" (field trips, ship and lab practicals and seminars, 2nd-3rd semester).
 4. Modules worth 15 ECTS must be completed in the "Compulsory Elective" section and modules worth 10 ECTS must be completed in the university-wide choice.
- (2) A final thesis (Master's thesis and presentation) worth 30 ECTS.

§ 11 Admission to the Master's degree programme

- (1) Admission to the Master's degree programme will be given to anyone who has completed a Bachelor's degree programme (B.Sc.) in Geosciences or a related subject after a standard period of study of at least three years at a German or comparable foreign institution of higher education. The candidate must have obtained at least 180 ECTS credits or passed a comparable final examination with a final grade of 2.5 or higher.
- (2) Applicants with a university degree in a related subject can receive admission without satisfying further conditions, if they have obtained at least a total of 50 ECTS credits in modules from the Department of Geosciences. The content of these modules must meet the entry requirements for the Master's degree programme. If the student has gained fewer than 50 ECTS, the responsible Examination Board may permit admission subject to the condition that the missing ECTS are caught up. The Examination Board will decide whether the admission requirements in accordance with (1) are met.
- (3) In addition, the applicant must provide evidence of English language skills for admission to the Master's degree programme in Marine Geosciences. More details can be found in the study qualification rules (Studienqualifikationssatzung). Applicants for the Master's degree programme in Marine Geosciences must have successfully completed the aptitude assessment procedure. The aptitude assessment procedure involves submitting a written application, in English, within the application period specified by the degree programme. The applicant must submit a full application, including all necessary evidence of achievements, a CV and a motivational letter. The technical subject requirements, language skills and motivation to study are assessed. After the documents have been examined, applicants who seem suitable will be discussed by the Examination Board to see whether they are sufficiently apt. The Examination Board decides as a full board regarding the suitability of the applicants on the basis of the written application. An applicant must be assessed as suitable with at least 2/3 of the votes.

§ 12

Academic title

The student is awarded the degree of Master of Science (M.Sc.) if he or she has obtained at least a final grade of 'sufficient'.

§ 13

Calculation of the overall grade

The overall grade in the Master's degree programme in Marine Geosciences is made up of 50% from the section grades for "Foundations", "Practical Training" and "Compulsory Elective" weighted according to ECTS credit points, and 50% from the grade for the Master's thesis & defence (mageMaCMTh-01a). The university-wide choice section is not taken into account.

§ 14

Transitional provisions

- (1) Students who are registered for the Marine Geosciences Master of Science (M.Sc.) degree programme on 1 October 2019 can continue their studies according to the expired Examination Regulations (Rules) of the Faculty of Mathematics and Natural Sciences at Kiel University for students of Geosciences leading to a Bachelor of Science degree (B.Sc.) in "Geosciences" and a Master of Science degree (M.Sc.) in "Geosciences" and a Master of Science degree (M.Sc.) in "Marine Geosciences" of 27 July 2017 (NBI. HS MBWK Schl.-H. 2017, page 71), most recently amended by statute of 12 July 2019 (NBI. HS MBWK Schl.-H. p. 47). They can apply to change to the new "Marine Geosciences" degree-specific examination regulations. Students of the Master's degree programme in Marine Geosciences who have not yet completed their degrees in the winter semester 2021/22 will finish their studies according to the new "Marine Geosciences" degree-specific examination regulations, unless they have already gained all 90 ECTS credit points excluding the Master's thesis by the end of the summer semester 2021. These students complete their studies according to the expired degree-specific examination regulations in accordance with Paragraph 1.
- (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 1 (1) are no longer offered, the Examination Board will name replacement modules.
- (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 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.
- (5) The Examination Board decides regarding special cases of hardship for which the student is not responsible.

Article 4 of the Rules of 14 February 2020 Entry into force and expiry

These Rules enter into force on the day after the date they are published and will be applicable in the summer semester 2020 for the first time. At the same time, the Examination Regulations (Rules) of the Faculty of Mathematics and Natural Sciences at Kiel University for students of Geosciences leading to a Bachelor of Science degree (B.Sc.) in “Geosciences” and a Master of Science degree (M.Sc.) in “Geosciences” and a Master of Science degree (M.Sc.) in “Marine Geosciences” of 21 November 2018 (NBl. HS MBWK Schl.-H. 2019, page 35), most recently amended by statute of 12 July 2019 (NBl. HS MBWK Schl.-H., p. 47), cease to be in force.

Annex

Studyplan Master of Science "Marine Geosciences"

	Module code	Module description	LF	SWS	Status	PL	LP	
							Sem.	Year
1st Semester	mageoMaCCG-01a	Coastal Geology (part I)	L S	2 1	C	WE (40 %) OE (20%)	(5)	
	mageoMaCBG-01a	Marine Biogeochemistry	L L	2 2	C	WE	5	
	mageoMaCMP-01a	Marine Petrology, Geodynamics and Ore deposits	L L PE	2 2 1	C	WE	5	
	mageoMaCSM-01a	Submarine Mapping	L E	2 2	C	OE	5	
	mageoMaCPO-01a	Paleoceanography	L L	2 2	C	WE	5	
	mageoMaCCS-02a	Introduction to Climate Sciences	L	3	C	WE	5	
	Sum of ECTS semester						25	
2nd Semester	mageoMaCCG-02a	Coastal Geology (part II)	PE	2	C	OE (40%)	5	
	mageoMaCMT-01a	Measuring techniques in shallow water (cruise)	S* PE	1 4	C	R	5	
	mageoMaCFEM-01a	Field Exercises: Introduction to integrated marine sciences (cruise)	S* PE	1 4	CE	OP	5	
	mageoMaCFEP-01a	Petrological Field Exercises	PE	5	CE	R	5	
	mageoMaCPB-01a	Paleobiology	L PE S*	1 3 1	C	WE & R	5	
	mageoMaCSus-01a	Sustainability	L S*	2 2	C	OP	5	
		Compulsory Elective	d.o.m.	3-5	CE	d.o.m.	5	
	CAU-wide option	d.o.m.	3-5	CE	d.o.m.	5		
	Sum of ECTS semester / year						35	60
3rd Semester Mobility window	mageoMaCMPE-01a	Marine Paleoenvironment	L PE PE	2 2 1	C	R	5	
	mageoMaCPW-01a	Project Work Marine Geosciences	S WP	2 8	C	R	10	
		Compulsory Elective	d.o.m.	3-5.	CE	d.o.m.	10	
		CAU-wide option	d.o.m.	3-5	CE	d.o.m.	5	
	Sum of ECTS semester						30	
4th Semester	mageoMaCMTh-01a	Masterthesis & -defense			C	R & D (70% & 30%)	30	
	Sum of ECTS semester / year						30	60
Total ECTS							30	120

*) Compulsory attendance

Explanations:

LF: Lehrform / teaching method

SWS: Semesterwochenstunden / number of hours per week per semester

PL: Prüfungsleistung / type of examination (WE: written exam, OE: oral exam, R: report, OP: oral presentation, D: defence)

Sem.: Semester

LP: Leistungspunkte / ECTS credits

L: lectures, P: practical, E: exercises, PE: practical exercises (compulsory attendance), S: seminar, WP: work project

Status: C: compulsory, CE: compulsory elective

d.o.m.: depending on module

List of compulsory elective modules

mageoMaCEAP-01a	Applied Paleobiology	L PE	2 3	CE	R&WE	5
mageoMaCECG2-01a	Coastal Processes and Engineering	L PE S*	2 2 1	CE	WE	5
mageoMaCEPM-01a	Paleoclimate Modelling entry requirements: Introduction to Climate Sciences (mageoMaCCS-02a)	L PE	2 2	CE	R	5
mageoMaCEESL-01a	Earth System Lab entry requirements: Paleoclimate Modelling (mageoMaCEPM-01a)	L PE	1 3	CE	R	5
mageoMaCECT-01a	Current Topics in marine Biogeosciences	L S*	2 2	CE	OP	5
mageoMaCEMIG-01a	Marine Igneous Geochemistry	L S*	2 3	CE	OP	5
mageoMaCEAG-01a	Analytical Geochemistry	L E	2 2	CE	R	5
mageoMaCESM2-01a	Marine geospatial and environmental analyses using high resolution surveying techniques	L E	2 2	CE	OP	5
mageoMaCEPBG-01a	Paleobiogeochemistry	L PE S*	2 1 1	CE	WE	5
mageoMaCEPEM-01a	Petrological Modeling	L E	2 2	CE	R	5

List of compulsory elective modules (imported)

MNF-bioc-271	New aspects of meteorology and oceanography: Carbon cycling in a changing climate	L S E	2 2 1	CE	OE	5
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