

Please note that this document is a non-binding convenience translation. Only the German version of the document entitled "Prüfungs- und Studienordnung der Universität Heidelberg für den Masterstudiengang Geographie" dated 9 June 2010 [published in the President's bulletin (Mitteilungsblatt des Rektors) of 12 July 2010, p. 673], last amended on 7 February 2013 [President's bulletin (Mitteilungsblatt des Rektors) of 28 February 2013, p. 67] has legal validity.

Heidelberg University examination and degree programme rules and regulations for the Master's degree programme in Geography

as of 9 June 2010

Preamble

All titles in this document, be they official, job, status or functions, are used in masculine form, however they refer to men and women equally and may also be used in the corresponding feminine form.

Section I: General provisions

- § 1 Purpose of the academic programme and examination
- § 2 Master's degree
- § 3 Standard period of study, programme structure and range of courses offered
- § 4 Modules, credits and list of grades
- § 5 Examinations board
- § 6 Examiners and observers
- § 7 Recognition of course credits, examination results and academic degrees
- § 8 Unexcused absence, withdrawal, deception and breaches of regulations
- § 9 Examinations completed during the course of study
- § 10 Assessment of examinations

Section II: Master's examination

- § 11 Master's examination admission requirements
- § 12 Master's examination admission procedure
- § 13 Scope and nature of the Master's examination
- § 14 Master's thesis
- § 15 Submission and assessment of Master's thesis
- § 16 Passing the examination and overall grade
- § 17 Retaking an examination; deadlines
- § 18 Master's diploma and certificate

Section III: Final provisions

- § 19 Invalidity of examinations
- § 20 Access to examination documents
- § 21 Coming into force

Section I: General provisions

§ 1 Purpose of the academic programme and examinations

- (1) Based upon the knowledge obtained in a bachelor's degree programme in Geography, in the Master's degree programme in Geography, students will obtain further comprehensive knowledge and methodological expertise in the field of geography. The student may choose from among these major subject components: Research Orientation, Methodology Orientation, and Practical Orientation. Students should develop the ability to independently address questions arising in the field of geography, produce scholarly articles for publication in scientific journals, and acquire the core competencies required for geographical professions.
- (2) The purpose of the Master's examinations is to assess whether students have Mastered the interrelationships between the individual disciplines of their subject, are able to apply advanced scientific methods and findings, and are able to work independently, employing scientific principles.
- (3) Admission to the degree programme is governed by additional admission rules and regulations, which are published separately

§ 2 Master's degree

After successful completion of the Master's examinations, Heidelberg University will award the academic degree of "Master of Science" (abbreviated to "M.Sc.").

§ 3 Standard period of study, programme structure and range of courses offered

- (1) The standard period of study for the Master's degree programme is four semesters, including examinations and Master's thesis.
 - (1a) Students may be admitted to part-time studies upon application. Further details are set forth in the rules concerning part-time study at the University of Heidelberg (Regulations for Part-Time Study (TeilzeitO)) in its most recent amendment. Upon admittance to part-time study, the standard period of study will be amended in accordance with the provisions stipulated. Information regarding the processing time for written examinations may be found in § 4, section 3 of the Regulations for Part-Time study (TeilzeitO).
- (2) Lectures and courses in the Master's degree programme run for three semesters: the Master's thesis is to be completed within the fourth semester. Successful completion of the Master's degree programme requires a total of 120 credit points (CP) in both compulsory and elective courses.

- (3) The Master's programme is a modular programme. The total of 120 CP is comprised of 75 CP from specialised lectures and courses, and 30 CP from the Master's thesis. 15 CP will be earned in electives in other subject areas. In combination with another major subject, the Geography degree programme may also be studied as a minor, comprising 20 CP.
- (4) Generally, the language of instruction and examinations is German. Classes may be given and examinations taken, partially or in whole, in English.

§ 4 Modules, credits and list of grades

- (1) A module is a teaching unit, self-contained in terms of both time and content, and comprised of various lectures and courses. It not only comprises the lectures and courses attended, but also the components necessary for a passing grade in the module.
- (2) The Master's thesis is regarded as individual module.
- (3) A distinction is made between
- compulsory modules: these must be completed by all students
 - compulsory elective modules: students may select these from a limited subject area
 - optional modules: students may freely choose these from the modules offered in their major subject.
- (4) All components within a module must be graded as "sufficient" (4.0) or higher (=sub-module grades) for the complete module to be passed.
- (5) Credits are given for successfully completed modules, including their individual components. One credit point (CP) corresponds to a workload of 30 hours.
- (6) A transcript of records will be issued at the end of each semester, listing all module examinations students have passed, including the corresponding credits and grades.

§ 5 Examinations board

- (1) The faculty examinations board is responsible for the organisation of examinations and the tasks required by the examination rules and regulations. It is made up of 2 professors, a research assistant representative, and a student from the Master's degree programme with advisory authority. The faculty council appoints the chairperson, the deputy, and the other members of the examinations board for a period of two years each. The student member is appointed for one year. The chairperson and the deputy must be professors.

- (2) The examinations board ensures that the examination rules and regulations are upheld, and provides recommendations for further improvements to the curriculum and the examination rules and regulations. The committee appoints the examiners and observers. The examinations board may confer the responsibility for these appointments on its chairperson. He or she may be called upon for all questions regarding examinations.
- (3) The chairperson manages the business of the examinations board, prepares and chairs meetings and, in the event of a tie vote, has the deciding vote.
- (4) The examinations board may confer further responsibility on its chairperson, provided this does not violate applicable law. Such a decision may be revoked at any time. The chairperson informs the examinations board on a regular basis about the completion of any such tasks conferred.
- (5) Examinations board members have the right to attend examinations.
- (6) Members of the examinations board, examiners, and observers are subject to official secrecy. Those who are not civil servants are sworn to secrecy by the chairperson.
- (7) The candidate must be informed of negative decisions of the examinations board immediately and in writing; the reasons for the decision must be stipulated and information on the procedure for appeal must be provided.

§ 6 Examiners and observers

- (1) In general, examinations which are not completed during the course of study may only be conducted by professors, lecturers, associate professors, or research associates who, on the basis of long-standing teaching experience, have been granted the right to conduct examinations. Research assistants, research associates, adjunct lecturers and lecturers with special responsibilities may only be appointed to conduct examinations under exceptional circumstances, when there is not enough qualified faculty available to conduct examinations.
- (2) Examinations held during the course of study are usually conducted by the instructor of the course in question.
- (3) Observers must have sat the corresponding Master's examination or equivalent.
- (4) The candidate is permitted to propose an examiner for the Master's thesis; however, this does not constitute entitlement to a particular examiner.
- (5) The chairperson of the examinations board ensures that candidates are given sufficient advance notice of examiners' names.

§ 7 Recognition of course credits, examination results and academic degrees

- (1) Examination prerequisites and results, as well as academic degrees obtained through degree programmes at German universities, universities of cooperative education (state or state-recognised), or at foreign universities (state or state-recognised), will be recognised, as long as there are no significant differences concerning the skills acquired, courses taken, and degree obtained through the programme. This recognition is required in order to continue an academic programme, take examinations, start a further academic programme or be admitted to a doctoral programme. The validity of § 15, paragraph 3 and 4 LBG (State Public Service Law) remains unaffected.
- (2) Preliminary and intermediate examinations taken at other German universities in the same degree programme or in a similar degree programme will be recognised. Courses completed at recognised distance-learning institutions will be considered equivalent to those in a corresponding traditional study programme with regard to determining the duration of study.
- (3) It is the applicant's responsibility to provide all information necessary for achievements to be recognised. It is the responsibility of the office which carries out the recognition procedure to prove that an application does not fulfil the requirements.
- (4) If agreements exist between the Federal Republic of Germany and other states concerning equivalent university degree programmes (Equivalency Agreements) that favour students from other states by way of derogation from paragraph 1 and § 29, paragraph 2, sentence 5 of the LHG (Act on Higher Education of the Land of Baden-Württemberg), the rules and regulations in the Equivalency Agreement take precedence.
- (5) Examination prerequisites and results are to be graded on the basis of a credit point system that allows for achievements in equivalent or similar degree programmes to be recognised; this also applies to universities of cooperative education, provided there is equivalence.
- (6) Knowledge and skills gained outside a university degree programme may be recognised for such a programme, as long as
 1. the requirements for university admission are fulfilled at the time of recognition,
 2. the knowledge and skills to be recognised for the university degree programme are equivalent in both content and level to the course credits and examinations which they should replace, and
 3. the criteria for recognition have been verified in an accreditation.Knowledge and skills gained outside a university degree programme may not replace more than 50% of the university degree programme. Universities will define the details in the established examination rules and regulations; in particular, under which conditions, and to what extent, knowledge and skills gained outside a university degree programme will be recognised. The

examination rules and regulations may require the completion of a placement test.

- (7) In case of refresher courses, credit points may be given for courses and examinations. When recognising credits from refresher courses for a university degree programme, paragraphs 2 and 5, as well as paragraph 6, sentence 1, no. 1 apply accordingly. When recognising knowledge and skills gained outside a university degree programme for refresher courses, paragraph 6 applies accordingly.

§ 8 Withdrawal, unexcused absence, deception and breaches of regulations

- (1) An examination is graded as "failed" (5.0), if a candidate fails to appear and is unable to provide a valid reason for his or her absence, or, if the candidate withdraws after the examination has started. The same applies if the candidate fails to provide a written examination by the established deadline, unless the candidate is not at fault for the deadline being exceeded.
- (2) Reasons for withdrawal or absence must be plausible and must immediately be submitted in writing to the examinations board. If the candidate, or a child for whom the candidate is generally the sole caregiver, is ill, a medical certificate must be provided. In the event of doubt, a medical certificate from a designated physician may be requested. If the reasons stated are accepted, a new examination appointment will be scheduled. In this circumstance, examination results that are already available will be taken into account.
- (3) When deciding whether the candidate is at fault for exceeding a deadline for registration or taking an examination, the examinations board must respect the provisions stated in the Maternity Protection Act and the legal regulations concerning parental leave.
- (4) If the candidate attempts to influence the examination results through cheating or by using unauthorised aids, the examinations will be graded as "failed" (5.0). If a candidate disrupts the proper course of the examination, he or she may be excluded by the examiner or examination supervisor from taking further part in the examination, in which case the examination will be graded as "failed" (5.0). In extreme cases, the examinations board may exclude the candidate from all further examinations.
- (5) With regard to paragraph 4, sentences 1 and 2, within a period of 7 days, the candidate may request that the decision be validated by the examinations board. The candidate must be informed of negative decisions immediately and in writing; the reasons for the decision must be stipulated and information on the procedure for appeal must be provided.

§ 9 Examinations completed during the course of study

- (1) Examinations completed during the course of study include written examinations (where applicable, in electronic form) and/or oral examinations.
- (2) In written and oral examinations, candidates should be able to prove that they are able to recognise problems related to their subject and to develop solutions for them, using subject-specific methods and within limited time and resources.
- (3) A written examination lasts between 30 and 180 minutes. An oral examination lasts between 15 and 60 minutes. Multiple choice questions are permitted.
- (4) Generally, multiple choice questions are set by the lecturer responsible for a lecture or course, as determined by the examinations board. The questions must be tailored to examine the knowledge conveyed in the lecture or course and provide reliable results. Before assessing the examination results, the person responsible, as determined in sentence 1, must make sure that the questions for the examination are in accordance with paragraph 4, sentence 2. If the examiner finds individual examination questions incorrect, these questions may not be considered when assessing the examination results. In such a case, the total number of questions will be reduced and the assessment will be based on the reduced number of questions. Reducing the number of examination questions is not permitted to have negative consequences for the candidates.

An examination carried out as a multiple choice examination is considered to be passed, when at least 50% of the questions were answered correctly, or when the number of the candidate's correctly answered questions is not lower than 22% of the average examination results of all candidates. (non-referenced grading).

If a candidate has correctly answered the required number of questions for passing, the multiple choice examination must be assessed as follows. For non-referenced grading, the scale for assessment is moved lineally by the difference between the absolute and relative threshold for passing.

% corresponds to grade

≥ 50 – 55	4.0
> 55 – 60	3.7
> 60 – 65	3.3
> 65 – 70	3.0
> 70 – 75	2.7
> 75 – 80	2.3
> 80 – 85	2.0
> 85 – 90	1.7
> 90 – 95	1.3
> 95 – 100	1.0

- (5) If a written examination component is taken as a term paper, it must be written under examination conditions. Furthermore, candidates must assure

that they are the authors of their work and have used no sources or aids other than those indicated.

- (6) The evaluation period for written examinations should not exceed six weeks.
- (7) If candidates provide a medical certificate that plausibly proves that they are not able to take examinations in the form prescribed, whether completely or partially, due to permanent or chronic health problems, the examinations board may allow them to take an equivalent examination. The same applies for other course requirements.

§ 10 Assessment of examinations

- (1) Grades for the individual examinations are determined by the respective examiners. The following grades must be used for assessment of examinations:

1 = very good	= an outstanding performance;
2 = good	= performance which is substantially stronger than average requirements;
3 = satisfactory	= performance which fulfils average requirements;
4 = sufficient	= performance which, despite deficiencies, still meets the requirements;
5 = failed	= performance which, due to considerable deficiencies, does not meet the requirements.

For more detailed assessment of examination results, grades may be further differentiated by increasing or decreasing the individual grades by 0.3; however, the grade 0.7 and incremental grades above 4.0 may not be used.

- (2) The final module grade is calculated on the basis of the unrounded values of module examination components, corresponding to the number of credit points. If a final examination is to be completed within a module, this final module examination grade constitutes the grade for this module.
- (3) Grading for the final module examination and the overall Master's examination grade is as follows:

average of up to and including 1.5	very good
average of between 1.6 and up to/including 2.5	good
average of between 2.6 and up to/including 3.5	satisfactory
average of between 3.6 and up to/including 4.0	sufficient

- (4) When calculating final module grades and the overall examination grade, only the first digit after the decimal point is taken into account, without rounding. The overall Master's grade is calculated in accordance with § 16, paragraphs 2, 3, and 4.

- (5) In addition to the German-system grades, students who have passed the examinations will also be awarded a letter grade according to the following scale:

A	top 10%
B	the subsequent 25%
C	the subsequent 30%
D	the subsequent 25%
E	the subsequent 10%

The letter grades are calculated based on the examination results of the total graduating class, as well as the graduating classes from two or more previous years, depending on the number of students in the current graduating class. For degree grades, the ECTS grade must be added. For individual modules, the ECTS grade may be listed when possible and necessary.

Section II: Master's examination

§ 11 Master's examination admission requirements

- (1) Admission to the individual examinations for the Master's examination will only be authorised for those who:
1. are enrolled in the Master's degree programme in Geography at Heidelberg University,
 2. have not lost their entitlement to take examinations in the Master's degree programme in Geography or another geographical study programme.
- (2) To enrol for the Master's thesis, certificates must be submitted proving the successful completion of the lectures and courses set forth in Appendix 1, comprising the number of credit points stipulated in § 3.

§ 12 Master's examination admission procedure

- (1) The application for admission to the examination must be made in writing, addressed to the chairperson of the examinations board. The application must include the following documents:
1. evidence of fulfilment of the admission requirements in accordance with § 11,
 2. declarations from candidates, stating whether they have previously failed a Master's examination in either the Geography degree programme or another geography-related degree programme, and whether they are currently undergoing an examination procedure in such a programme.
- (2) If candidates are unable to provide such evidence, the examinations board

may allow other documents of proof to be accepted.

- (3) The application is the basis for the examinations board's decision as to whether the candidate may be admitted to the examination. Denials must be made in writing, stating the reasons for the denial, and providing information about the procedure for appeal.
- (4) The application for admission to the examination may only be denied if:
 1. conditions are not fulfilled in accordance with § 11, or
 2. documents set forth in paragraph 1 are not complete, and have not been completed upon request, or
 3. candidates have failed their final attempt at the Master's examination in Geography or another geography-related degree programme, or have lost the entitlement to take the final examinations, or
 4. the candidate is currently undergoing examination procedures in such a degree programme.

§ 13 Scope, nature and organisation of the Master's examination

- (1) The Master's examination consists of:
 1. successful completion of the examinations for the modules, as set forth in Appendix 1,
 2. the Master's thesis.
- (2) The examinations referred to in paragraph 1, no. 1 are taken as an integrated part of their respective lectures or courses. They may be in written or oral form. The lecturer responsible for a lecture or course determines the nature and duration of the integrated examinations and provides this information no later than the beginning of the lecture or course.
- (3) The components of the Master's examination must be taken in the following order:
 1. examinations completed during the course of study (paragraph 1, number 1)
 2. Master's thesis (paragraph 1, number 2).
- (4) In exceptional cases, the examinations board may permit a different examination order than the one set forth in paragraph 2. Upon granting this permission, the deadlines for the individual examinations will be determined. If the deadlines are not met, the Master's thesis will be graded as "failed" (5.0), unless the candidate is not at fault for the deadline being exceeded.

§ 14 Master's thesis

- (1) The purpose of the Master's thesis is for candidates to prove that they are able to work independently, within a given period of time and using scientific methods, to address a problem from the field of geography.
- (2) In accordance with § 6, paragraph 1, sentence 1, the Master's thesis may be assigned and supervised by any authorised examiner in the Geography department. The assignment and supervision of an examiner from another department at Heidelberg University requires the prior consent of the examinations board. With prior consent of the examinations board, the Master's thesis may be completed at an institution outside Heidelberg University, provided it is supervised by a qualified examiner, as set forth in sentence 1.
- (3) In accordance with § 13, paragraph 1, number 1, the candidate must begin work on the Master's thesis no later than four weeks after the successful completion of the last examination component completed during the course of study, or, must have by that time submitted an application to the chairperson of the examinations board for the assignment of a topic. If the deadline is not met, the Master's thesis will be graded as "failed" (5.0), unless the candidate is not at fault for the deadline being exceeded.
- (4) The topic of the Master's thesis will be determined by the thesis supervisor. If an application for assignment of a topic is submitted, the chairperson of the examinations board will ensure that the candidate receives a topic for his or her Master's thesis in timely fashion. The candidate is permitted to propose topics; however, this does not constitute entitlement to a particular topic. The thesis topic will be assigned by the chairperson of the examinations board. The date of assignment must be recorded.
- (5) The deadline for submission of the thesis is six months following assignment of the topic. In exceptional cases, the examinations board may extend this deadline by up to two months; for part-time students, up to four months. If the deadline is not met, the Master's thesis will be graded as "failed" (5.0), unless the candidate is not at fault for the deadline being exceeded.
- (6) The topic, task and scope of the Master's thesis must be limited in such a way that the candidate will be able to complete the thesis within the given time frame. The topic may only be rejected once, and only within the first month after the date of assignment.
- (7) The Master's thesis may be written in German or English.

§ 15 Submission and assessment of Master's thesis

- (1) Three copies of the Master's thesis must be submitted to the examinations board before the established deadline; the submission date must be recorded. The thesis must contain a summary.

- (2) When submitting a Master's thesis, candidates must certify in writing that they are the authors of their work and have used no sources or aids other than those indicated.
- (3) The Master's thesis is assessed by two examiners, one of whom must be a professor. The first examiner should be the thesis supervisor. The second examiner is designated by the examinations board. The candidate is permitted to make a proposal; however this does not constitute entitlement to be examined by a particular examiner. The evaluation period should not exceed six weeks.
- (4) The grade is calculated as the mean of both evaluations; § 10 applies accordingly. If the grades differ by more than one grade point, the examinations board will determine the Master's thesis grade after consulting both examiners. In such cases, a third examiner may be consulted.

§ 16 Passing the examination and overall grade

- (1) The Master's examination is passed when all examination components as set forth in § 13, paragraph 1 have been graded as "sufficient" (4.0) or higher.
- (2) For the calculation of the overall grade in accordance with § 10, paragraph 3, the numerical values of the module grades in accordance with § 10, paragraph 3 are added together and weighted according to the number of credit points earned.
- (3) The module PM03 (Master's thesis) is weighted by a factor of two.
- (4) The module grades obtained in the optional modules (Appendix 1) are not included in the overall grade.

§ 17 Retaking an examination; deadlines

- (1) If examinations are not passed, or are not considered to have been passed, they may be retaken once. This includes failed examinations at other universities. A second re-examination is permitted only under exceptional circumstances and only for a maximum of two examinations completed during the course of study. The examinations board makes the decision to grant permission for a second re-examination. A second submission of the Master's thesis is not permitted.
- (2) Retaking an examination that has been graded as passed is not permitted.
- (3) Failed examinations must be retaken no later than during the following semester. If candidates fail to meet this deadline, they will lose entitlement to take this examination, unless they are not at fault for the deadline being exceeded.

- (4) If a compulsory module examination is failed on the final attempt, the candidate will be dismissed from the academic programme. Failure of compulsory elective modules and optional modules may be offset by the successful completion of a different module.

§ 18 Master's diploma and certificate

- (1) Upon successful completion of the Master's examination, a diploma will be issued within four weeks. This will list all individual modules with their respective grades (graded in accordance with § 12, paragraph 3, and the numerical value) and credit points, as well as the grade for the Master's thesis and overall grade. The diploma will be dated with the date of the last examination component. It must be signed by the dean and the chairperson of the examinations board.
- (2) A "Diploma Supplement" in German and English will also be provided, containing additional information about the course content and the course of study. This content complies with the "European Diploma Supplement Model".
- (3) A bilingual Master's certificate in German and English is issued with the diploma, bearing the same date as the diploma. It certifies the conferment of the academic degree "Master of Science". The Master's certificate is signed by the dean and the chairperson of the examinations board. It bears the faculty seal.
- (4) If the Master's examination is failed at the final attempt or is considered not to have been passed, the chairperson will issue a written notification, providing information on the procedure for appeal. A certificate will be issued upon request, and upon presentation of documentation of proof and a certificate of withdrawal, listing passed examinations and their grades, missing examinations required for obtaining the Master's degree, and a statement that, on the final attempt, the Master's examination has not been passed.

Section III: Final provisions

§ 19 Invalidity of examinations

- (1) If a candidate has cheated on an examination and this is not discovered until after the diploma has been issued, the examinations board may, accordingly, correct the examination results that were affected by the cheating and may declare the examination to be partially or completely failed.
- (2) If the requirements for admission to the examination were not fulfilled, but without any intent on the candidate's part to deceive and this is not discovered until after the diploma has been issued, the passed examination will be considered to compensate for this shortcoming. If the candidate intentionally

gained admission to the examination through deceit, the examinations board will make a decision on the matter.

- (3) Before a decision is made, the candidate will be given the opportunity to provide an explanation.
- (4) Fraudulent examination diplomas will be confiscated and, if necessary, a new diploma will be issued. If the examination has been graded as "failed" due to cheating or deception, the Master's certificate "Master of Science" will be confiscated along with the fraudulent examination diploma. The statute of limitations for rendering a decision such as described in paragraph 1 and paragraph, 2 sentence 2, is five years from the date on the examination diploma.

§ 20 Access to examination documents

After the examination procedure has been completed, the candidate has the right to request access to examination documents within a reasonable period of time. Requests must be made in writing and within a period of up to one year after the examination process. The chairperson of the examinations board will decide when and where such access will be given.

§ 21 Coming into force

These examination rules and regulations will come into force on 1 September 2010.

Compulsory modules (45 CP):

Module No.	Module description	Course	recommended semester	CP
CM01 (PM01)	Current Topics in Geography	Lecture	1	5
CM02 (PM02)	Major Excursion	Field Tutorial	2	10
CM03 (PM03)	Master's Thesis	Master's Thesis	4	30

Compulsory elective modules (60 ECTS):Field: Research Orientation (15-45 CP):

Module No.	Module description	Course	recommended semester	CP
RH01 (FH01)	Research in Human Geography 1 – <i>Subject content: Human Geography</i>	Advanced seminar + Tut. or Lect.	1-3	5-15
RH02 (FH02)	Research in Human Geography 2 – <i>Research forum: Human Geography</i>	colloquium + seminar	1-3	5-15
RH03 (FH03)	Research in Human Geography 3 – <i>Small research group: Human Geography</i>	seminar + small research group	1-3	5-15
RP01 (FH01)	Research in Physical Geography 1 – <i>Subject content: Physical Geography</i>	Advanced seminar + Tut. or Lect.	1-3	5-15
RP02 (FP02)	Research in Physical Geography 2 – <i>Research forum: Physical Geography</i>	colloquium + seminar	1-3	5-15
RP03 (FP03)	Research in Physical Geography 3 – <i>Small research group: Physical Geography</i>	seminar + small research group	1-3	5-15
RG01 (FG01)	Research in Geoinformatics 1 – <i>Subject content: Geoinformatics</i>	Advanced seminar + Tut. or Lect.	1-3	5-15
RG02 (FG02)	Research in Geoinformatics 2 – <i>Research forum: Geoinformatics</i>	colloquium + seminar	1-3	5-15
RG03 (FG03)	Research in Geoinformatics 3 – <i>Small research group: Geoinformatics</i>	seminar + small research group	1-3	5-15

A maximum of 45 CP may be obtained in the field of Research Orientation. A minimum of 5 CP must be obtained from the modules offered in RH01-3 (FH01-3).

A minimum of 5 CP must be obtained from the modules offered in RP01-3 (FP01-3). A minimum of 5 CP must be obtained from the modules offered in RG01-3 (FG01-3).

Field: Methodology Orientation (5-30 CP):

Module No.	Module description	Course	recommended semester	CP
GM	Geographical Work Methods	Seminars/ tutorials on advanced methods	1-3	5-30

A maximum of 30 CP may be obtained in the field of Methodology Orientation.

Field: Practical Orientation:

Module No.	Module description	Course	recommended semester	CP
PX01	Geography in Practice 1	Internship	1-3	10-15
PX02	Geography in Practice 2	Internship	1-3	10-15

A maximum of 30 CP may be obtained in the field of Practical Orientation. A minimum of 10 CP must be obtained from the modules offered in PX1-2.

Optional modules (15 CP)

The student may choose freely from the modules offered outside of the area of Geography. In total, 15 CP will be obtained from one, or a maximum of two, subjects.

Appendix 2: Modules and courses of the Master's degree programme as minor

Compulsory modules (5 ECTS)

Module No.	Module description	Course	recommended semester	CP
CM01 (PM01)	Current Topics in Geography	Lecture	1	5

Compulsory elective modules (15 ECTS)

The student may freely choose from the modules offered (see Appendix 1, compulsory elective modules).

**Appendix 3: Model curricula for the Master's degree programme, using different major-subject components as examples.
Model curriculum with a major in Research in Physical Geography (example)**

	<u>Research Orientation</u> 45 ECTS	<u>Methodology Orientation</u> 5 ECTS	<u>Practical Orientation</u> 10 ECTS	<u>Optional courses</u> 15 ECTS
1st Semester 30 ECTS	Introductory Lecture: 'Current Topics in Geography' (compulsory) 5 ECTS			
	Research in Human Geography 1 – subject content (5 ECTS)	Methods: Master of Geography 1 (5 ECTS)		Optional courses (5 ECTS)
	Research in Physical Geography 1 – subject content (10 ECTS)			
2nd Semester 30 ECTS	Major Excursion (incl. preparatory seminar) 10 ECTS			
	Research in Physical Geography 2 – research forum (10 ECTS)			Optional courses (5 ECTS)
	Research in Geoinformatics 1 – subject content (5 ECTS)			
3rd Semester 30 ECTS	Research in Physical Geography 3 – small research group (15 ECTS)		Internship 1 10 ECTS	Optional courses (5 ECTS)
4th Semester 30 ECTS	Master's thesis 30 ECTS			

Model curriculum with a major in Research in Human Geography (example)

	<u>Research Orientation</u> 45 ECTS	<u>Methodology Orientation</u> 5 ECTS	<u>Practical Orientation</u> 10 ECTS	<u>Optional courses</u> 15 ECTS
1st Semester 30 ECTS	Introductory Lecture: 'Current Topics in Geography' (compulsory) 5 ECTS			
	Research in Human Geography 1 – subject content (10 ECTS)	Methods: Master of Geography 1 (5 ECTS)		Optional courses (5 ECTS)
	Research in Physical Geography 1 – subject content (5 ECTS)			
2nd Semester 30 ECTS	Major Excursion (incl. preparatory seminar) 10 ECTS			
	Research in Human Geography 2 – research forum (10 ECTS)			Optional courses (5 ECTS)
	Research in Geoinformatics 1 – subject content (5 ECTS)			
3rd Semester 30 ECTS	Research in Human Geography 3 – small research group (15 ECTS)		Internship 1 10 ECTS	Optional courses (5 ECTS)
4th Semester 30 ECTS	Master's thesis 30 ECTS			

Model curriculum with a major in Research in Geoinformatics (example)

	<u>Research Orientation</u> 45 ECTS	<u>Methodology Orientation</u> 5 ECTS	<u>Practical Orientation</u> 10 ECTS	<u>Optional courses</u> 15 ECTS
1st Semester 30 ECTS	Introductory Lecture: 'Current Topics in Geography' (compulsory) 5 ECTS			
	Research in Human Geography 1 – subject content (5 ECTS)	Methods: Master of Geography 1 (5 ECTS)		Optional courses (5 ECTS)
Research in Geoinformatics 1 – subject content (10 ECTS)				
2nd Semester 30 ECTS	Major Excursion (incl. preparatory seminar) 10 ECTS			
	Research in Geoinformatics 2 – research forum (10 ECTS)			Optional courses (5 ECTS)
Research in Physical Geography 1 – subject content (5 ECTS)				
3rd Semester 30 ECTS	Research in Geoinformatics 3 – small research group (15 ECTS)		Internship 1 10 ECTS	Optional courses (5 ECTS)
4th Semester 30 ECTS	Master's thesis 30 ECTS			

Model curriculum with a major in Methodology (example)

	<u>Research Orientation</u> 20 ECTS	<u>Methodology Orientation</u> 30 ECTS	<u>Practical Orientation</u> 10 ECTS	<u>Optional courses</u> 15 ECTS
1st Semester 30 ECTS	Introductory Lecture: 'Current Topics in Geography' (compulsory) 5 ECTS			
	Research in Human Geography 1 – subject content (5 ECTS)	Methods: Master of Geography 1 (15 ECTS)		Optional courses (5 ECTS)
2nd Semester 30 ECTS	Major Excursion (incl. preparatory seminar) 10 ECTS			
	Research in Physical Geography 1 – subject content (5 ECTS)		Internship 1 10 ECTS	Optional courses (5 ECTS)
3rd Semester 30 ECTS	Research in Geoinformatics 1 – subject content (10 ECTS)	Methods: Master of Geography 2 (15 ECTS)		Optional courses (5 ECTS)
4th Semester 30 ECTS	Master's thesis 30 ECTS			

Model curriculum with a major in Practical Orientation (example)

	<u>Research Orientation</u> 20 ECTS	<u>Methodology Orientation</u> 10 ECTS	<u>Practical Orientation</u> 30 ECTS	<u>Optional courses</u> 15 ECTS
1st Semester 30 ECTS	Introductory Lecture: 'Current Topics in Geography' (compulsory) 5 ECTS			
	Research in Human Geography 1 – subject content (5 ECTS)	Methods: Master of Geography 1 (10 ECTS)		Optional courses (5 ECTS)
	Research in Physical Geography 1 – subject content (5 ECTS)			
2nd Semester 30 ECTS	Major Excursion (incl. preparatory seminar) 10 ECTS			
			Internship 1 15 ECTS	Optional courses (5 ECTS)
3rd Semester 30 ECTS	Research in Geoinformatics 1 – subject content (10 ECTS)		Internship 2 15 ECTS	Optional courses (5 ECTS)
4th Semester 30 ECTS	Master's thesis 30 ECTS			

Model curriculum with balanced distribution of CP (example)

	<u>Research Orientation</u> 20 ECTS	<u>Methodology Orientation</u> 20 ECTS	<u>Practical Orientation</u> 20 ECTS	<u>Optional courses</u> 15 ECTS
1st Semester 30 ECTS	Introductory Lecture: 'Current Topics in Geography' (compulsory) 5 ECTS			
	Research in Human Geography 1 – subject content (5 ECTS)	Methods: Master of Geography 1 (10 ECTS)		Optional courses (5 ECTS)
	Research in Physical Geography 1 – subject content (5 ECTS)			
2nd Semester 30 ECTS	Major Excursion (incl. preparatory seminar) 10 ECTS			
	Research in Geoinformatics 1 – subject content (5 ECTS)		Internship 1 10 ECTS	Optional courses (5 ECTS)
3rd Semester 30 ECTS	Research in Physical Geography 2 – research forum (5 ECTS)	Methods: Master of Geography 2 (10 ECTS)	Internship 2 10 ECTS	Optional courses (5 ECTS)
4th Semester 30 ECTS	Master's thesis 30 ECTS			

Published in the President's bulletin (Mitteilungsblatt des Rektors) of 12 July 2010, p. 673, and amended on 18 May 2011 (President's bulletin (Mitteilungsblatt des Rektors) of 30 May 2011, p. 485) and on 9 February 2012 (President's bulletin (Mitteilungsblatt des Rektors) of 29 February 2012, p. 271), on 18 April 2012 (President's bulletin (Mitteilungsblatt des Rektors) of 21 May 2012, p. 439), and on 7 February 2013 (President's bulletin (Mitteilungsblatt des Rektors) of 28 February 2013, p. 67).