



**Examination and Study Regulations  
for the Master's Programme  
Environment, Climate Change & Health  
at the University of Bayreuth  
dated 25 April 2022**

Article 13 para 1 sentence 2 in conjunction with Article 58 para 1 sentence 1 and Article 61 para 2 sentence 1 of the Bavarian Higher Education Act (*BayHSchG*) forms the framework for the following regulations issued by the University of Bayreuth.

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## § 1 Purpose of the master's examination

<sup>1</sup>The master's examination as the conclusion of the scientific studies in the master's programme Environment, Climate Change & Health determines whether the candidate has demonstrated the following skills and acquired the subject-specific knowledge provided for in the present regulations:

1. an in-depth specialist and methodological understanding of natural and health sciences, including an understanding of nutrition, economics, ethics, law, and cultural and social sciences;
2. the ability to use this knowledge to solve complex interdisciplinary problems in the field of environment and health with an integrative, interdisciplinary approach;
3. the ability to carry out independent scientific work in the above-mentioned field.

<sup>2</sup>At the same time it determines whether the candidate possesses the requisite understanding of subject-related and interdisciplinary connections to pursue further independent academic research.

<sup>3</sup>The master's programme Environment, Climate Change & Health (including all examinations) is conducted in English. <sup>4</sup>The University of Bayreuth, by way of the Faculty of Law, Business & Economics awards the academic degree "Master of Science" (abbreviated as M.Sc.) for successful completion of the master's examination.

## § 2 Admission to the programme; qualification

(1) Admission prerequisites for the master's programme are as follows.

1. a degree from a higher education institution with at least the examination grade "good" (2.5) in a bachelor's programme comprising at least 180 credit points, e.g. in economics, natural sciences, social sciences and health sciences or health economics or nursing or philosophy and economics or psychology or politics or medicine or public health, whereby a total of at least 30 credit points must be in health sciences and/or natural sciences, or a degree equivalent thereto;
2. proof of German language skills at level A1 or better of the Common European Framework of Reference for applicants who neither earned their higher education entrance qualification nor an initial degree in the German language; Applicants who do not meet this requirement will be enrolled on the condition that they submit the proof of the required German language proficiency by the end of their second semester of study at latest.
3. proof of English skills at level B2 or better of the Common European Framework of Reference for Languages for applicants who neither earned their higher education entrance qualification nor their initial degree in the English language.

(2) <sup>1</sup>The qualifications may not differ substantially in terms of the earned competences (learning outcomes) from the qualifications referred to in para 1 number 1. <sup>2</sup>If there are substantial

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compensable differences, applicants may be admitted subject to the proviso that, in addition to the assessment components to be completed in the master's programme, they also successfully complete coursework and examinations in the amount of up to 20 credit points in the health sciences and/or natural sciences by the end of the second semester of study at latest; otherwise, the prerequisites for admission to the programme are deemed not to have been fulfilled. <sup>3</sup>Art. 63 BayHSchG applies to determining the eligibility of domestic and foreign degrees. <sup>4</sup>Such decisions as described in sentence 1 to 3 are to be made by the board of examiners established according to § 5.

- (3) <sup>1</sup>If the relevant initial degree certificate is not yet available, confirmation containing the individual grades for all examinations and courses up to the registration deadline must be submitted. <sup>2</sup>Such coursework must amount to at least 150 ECTS points and correspond to a final grade of "gut" (2,5) or better. <sup>3</sup>Applicants who fulfil the requirements of sentence 2 are to be enrolled on the condition that they submit the certificate of the relevant degree certificate with a grade of "gut" ["good"] or better by the end of the first semester of study.
- (4) Students who are enrolled in the master's programme Environment, Climate Change & Health are considered *ipso facto* to be admitted to the examinations.

### **§ 3 Structure of studies; standard period of study**

- (1) The standard period of study is four semesters, including the examination periods and the master's thesis.
- (2) A total of 120 credit points must be earned in accordance with the European Credit Transfer System (ECTS).
- (3) New students must begin the programme in the winter semester.

### **§ 4 Components of the programme of study**

- (1) The master's programme Environment, Climate Change & Health is divided into modules and consists of the module areas and modules listed in the annex.
- (2) <sup>1</sup>One required component is completion of an internship totalling three months in a career-relevant field, generally not at the University. <sup>2</sup>The time frame for carrying out the internship, generally to be scheduled during the semester break, is geared towards the requirements of the hosting institution and is to be organized by the student independently. <sup>3</sup>A detailed 10-page internship report must be prepared on the internship activities or a presentation in accordance with § 11 para 10. <sup>4</sup>The form of examination shall be determined by the examiner. <sup>5</sup>The internship report or the presentation are ungraded and are assessed by the examiner as "passed" or "failed". <sup>6</sup>The provision regarding repetition found in §19 apply.

## § 5 Board of examiners

- (1) <sup>1</sup>A board of examiners shall be formed to make the necessary decisions with regard to the admission to the master's programme and the organizational execution of the master's examination. <sup>2</sup>The board of examiners shall administer the examination proceedings in accordance with the present regulations and make all decisions with the exception of the examinations and the assessment thereof. <sup>3</sup>The board is made up of a chair and two additional members; the chair and the additional members shall each have one substitute. <sup>4</sup>The members of the board of examiners and their substitute representatives shall be elected by the faculty council of the Faculty of Law, Business & Economics (two members) and by the faculty council of the Faculty of Biology, Chemistry & Earth Sciences (one member) from among the professors (Art. 2 para 1 sentence 1 number 1 Bavarian Higher Education Personnel Act) of the relevant faculty for a period of five years. <sup>5</sup>The board of examiners shall elect a chair and deputy chair from among its members.
- (2) <sup>1</sup>The board of examiners constitutes a quorum if the majority of members are present and entitled to vote after an invitation had been sent to all members at least three days prior to the meeting. <sup>2</sup>The decisions taken by the board of examiners in its meetings are to be made on the basis of majority vote. <sup>3</sup>Vote abstention, secret voting, and proxy voting are prohibited. <sup>4</sup>If votes are equally divided among its members, the chair's vote shall be decisive.
- (3) <sup>1</sup>The chair of examiners shall ensure that the provisions of these regulations are followed. <sup>2</sup>He or she shall convene the meetings of the board of examiners and shall act as chair of its proceedings and decisions. <sup>3</sup>With regard to matters that cannot be postponed, he or she is authorized to make decisions on behalf of the board of examiners. <sup>4</sup>He or she must promptly inform the other members of any such decision - at the next meeting at latest. <sup>5</sup>In addition, unless otherwise provided by the present regulations, the board of examiners can transfer (until revoked) the right to perform other duties of the board to the chair. <sup>6</sup>The chair can delegate tasks to members of the board of examiners.
- (4) The board of examiners shall regularly report to the faculty council of the Faculty of Law, Business & Economics concerning updates to examination schedules and study periods and may make suggestions for reforming the present regulations.
- (5) <sup>1</sup>Any notices the board of examiners issues under the terms of the present regulations are to be published together with a rationale and information concerning how to appeal. <sup>2</sup>Notices of appeal shall be issued by the president in consultation with the board of examiners.

## **§ 6 Examiners and co-examiners**

- (1) <sup>1</sup>Any person who is authorized to administer examinations at institutions of higher education according to BayHSchG and HSchPrüferV, as amended, may serve as examiner. <sup>2</sup>Any member of the University of Bayreuth who is a graduate of an equivalent or comparable programme of study may serve as co-examiner.
- (2) <sup>1</sup>If a member of the University of Bayreuth who is an authorized examiner leaves the University, he or she may remain an examiner for a reasonable period. <sup>2</sup>Authorization to administer examinations shall generally remain valid for up to three years.

<sup>1</sup>Unless otherwise decided by the chair of examiners, the relevant supervisor shall also serve as examiner. <sup>2</sup>If that instructor is not authorized to administer examinations as laid out in sentence 1, the chair of examiners shall appoint an examiner at the beginning of the semester in which the examination is to be held.

## **§ 7 Disqualification due to personal involvement; confidentiality**

- (1) Disqualification from consultation and voting on the board of examiners as well as other activities relating to examinations on the basis of personal involvement is governed by Article 41 para 2 BayHSchG.
- (2) The non-disclosure obligation that holds for members of the board of examiners, as well as examiners, co-examiners, and anyone else involved in the examination process is governed by Article 18 para 2 BayHSchG.

## **§ 8 Credit transfer**

- (1) Awarding credit for competencies (learning outcomes) is governed by Article 63 para 1 and 2 BayHSchG.
- (2) <sup>1</sup>If credits are awarded for competencies, the grades are to be carried over and included when calculating the final grade, as long as the grading systems are analogous. <sup>2</sup>If the grading system for the competencies to be transferred does not correspond to the grading system given in § 16, the grades received at the other higher education institution are to be converted using the Modified Bavarian Formula:

$$x = 1 + 3 * (N_{\max} - N_d) / (N_{\max} - N_{\min})$$

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where  $x$  is the grade to be calculated,  $N_{max}$  is the highest possible grade,  $N_{min}$  is the highest passing grade, and  $N_d$  is the actual grade; in this calculation, the grade to be calculated is only given to one decimal place and is not adjusted to fit the grading scale given in § 16. <sup>3</sup>If a conversion according to sentence 2 is not possible, the board of examiners shall determine a corresponding key for the grade conversion. <sup>4</sup>If a grade is not available and cannot be determined, the remark "passed" will be entered; in this case, it will not be included in the calculation of the final grade. <sup>5</sup>The board of examiners in consultation with the relevant representative from the subject area shall decide whether the requirements have been met for credit transfer. <sup>6</sup>If credit transfer is denied, the person concerned can appeal the decision by submitting a request for the University Governing Board to review the decision within four weeks of notification of denial. <sup>7</sup>The University Governing Board shall provide the board of examiners with a recommendation on how to proceed with the request.

- (3) Credit transfer requests are to be submitted to the board of examiners as soon as possible following enrolment and in any event prior to the commencement of the examination proceedings in the relevant module.

### **§ 9 Times for holding examinations; announcing examination times and examiners**

- (1) The module examinations are held promptly following the conclusion of the modules.

<sup>1</sup>If not listed in the annex, examination times and the duration of examinations shall be determined by the relevant examiner and announced university-wide at the start of the semester.

<sup>2</sup>An additional examination time may be scheduled for the beginning of the following semester.

<sup>3</sup>A change of examiner on short notice shall only take place if there are urgent grounds for doing so.

- (3) Students are to register for examinations by the published deadline, according to the process determined by the board of examiners.

### **§ 10 Elements of the examination**

- (1) The master's examination comprises the module examinations listed in the annex and the master's thesis.
- (2) The examinations serve to demonstrate that the examinee has satisfied the desired learning outcomes of the individual modules.

## § 11 Forms of examination

- (1) <sup>1</sup>Examinations are taken in the form of written examinations and/or oral examinations, work reports or an internship report, talks (presentations), term papers, or research plans. <sup>2</sup>The possible forms of examination in the modules are given in the annex.
- (2) <sup>1</sup>Assessment of examinations is to be carried out according to the process announced by the board of examiners. <sup>2</sup>Notifications will not be sent individually. <sup>3</sup>Students are required to familiarize themselves independently with the terms of the present regulations pertaining to repeating examinations; they are responsible for informing themselves of examination results.
- (3) <sup>1</sup>If an examination is assessed by more than one examiner, the grade shall be determined by taking the average of the grades assigned and truncating (not rounding) the number to one decimal digit. <sup>2</sup>In the case described in para 7, sentence 1 does not apply. <sup>3</sup>If a written examination is assessed as "failed" or "unsatisfactory", it must be assessed by a second examiner.
- (4) <sup>1</sup>Written examinations are to be held over a period of at least one hour and no longer than two hours; the duration of the examination should be appropriate to the requirements of the corresponding course. <sup>2</sup>The relevant examiner shall decide which resources may be used during the examination. <sup>3</sup>A written record of the examination is to be made. <sup>4</sup>The invigilator shall confirm the accuracy of the record by providing his or her signature. <sup>5</sup>The examination record sheet is to include all aspects of the examination that are relevant to determining the grade.
- (5) <sup>1</sup>If a candidate arrives to the examination late, he or she shall not be given additional time to finish the examination. <sup>2</sup>Candidates may leave the room during an examination if permission is granted by the invigilator. <sup>3</sup>The time and duration of absence are to be noted on the question paper.
- (6) <sup>1</sup>Written examinations are generally graded by the examiner who was appointed by the chair of examiners. <sup>2</sup>The relevant examiners are to determine the grades for performance in the individual examinations under the terms of § 16. <sup>3</sup>An assessment of each written examination shall be provided no later than six weeks after the examination. <sup>4</sup>One graded copy of the written examination shall remain in the records.
- (7) <sup>1</sup>Written examinations may be conducted fully or in part using multiple choice testing. <sup>2</sup>If written examinations are conducted only in part using multiple choice testing, the terms of paragraphs 4 and 6 sentences 1 and 2 apply for the portion that is not multiple choice. <sup>3</sup>The questions in the multiple choice section are to be written by the two examiners. <sup>4</sup>Prior to the examination time, the examiner shall decide which answers are correct and how many points are to be awarded for each correct answer, i.e. how to weight correct answers in relation to the total points. <sup>5</sup>If the written examination is conducted only in part by using multiple choice testing, weighting for the



individual parts must also be stipulated. <sup>6</sup>Grading of examinations may be carried out with the help of an optical mark sense reader.

- (8) <sup>1</sup>A multiple choice examination is considered passed, if the examinee achieves a certain absolute number of correct answers (at least 50% of the total points) or on a relative basis. <sup>2</sup>The relative cut-off grade is to be determined by taking the average of the points achieved by those examinees taking the examination for the first time, less 10%. <sup>3</sup>The relative cut-off grade is only to be taken into account if it is below the absolute cut-off grade. <sup>4</sup>Cut-off grades that are not whole number values shall be rounded in favour of the student. <sup>5</sup>An examination is considered passed if a grade of "ausreichend" [sufficient] (4,0) or better is achieved. <sup>6</sup>If an examination is conducted using multiple choice testing and the lowest passing grade (the relative cut-off grade if it is below the absolute cut-off grade, otherwise the latter) or better is achieved, the grades shall be as follows:

1,0 ("sehr gut"/ very good), for 90% or better

1,3 ("sehr gut"/ very good), for at least 80% or better but less than 90%

1,7 ("gut"/ good), for 70% or better but less than 80%

2,0 ("gut"/ good), for 60% or better but less than 70%

2,3 ("gut"/ good), for 50% or better but less than 60%

2,7 ("befriedigend"/ satisfactory), for 40% or better but less than 50%

3,0 ("befriedigend"/ satisfactory), for 30% or better but less than 40%

3,3 ("befriedigend"/ satisfactory), for 20% or better but less than 30%

3,7 ("ausreichend"/ sufficient), for 10% or better but less than 20%

4,0 ("ausreichend"/ sufficient), if the pass mark is reached but less than 10%

of the possible points exceeding the minimum score have been achieved.

<sup>7</sup>Cut-off grades that are not whole number values shall be rounded in favour of the student. <sup>8</sup>If the lowest passing grade (cut-off grade) is not reached, a grade of 5,0 ("nicht ausreichend"/ insufficient) is assigned. <sup>9</sup>If an examination is conducted using multiple choice testing, the following details are to be included when determining the results:

- cut-off grades,
- grade achieved,
- percentage of the number of points exceeding the lowest passing grade or percentage of the number of points.

<sup>10</sup>If the examination is only carried out in part via multiple choice testing, grades shall be assigned for the individual parts. <sup>11</sup>In this connection, § 16 para 2 applies accordingly. <sup>12</sup>The details above also apply to the multiple choice portion.

- (9) <sup>1</sup>Oral examinations are to be held over a period of 20 to 30 minutes, depending on the requirements of the particular course. <sup>2</sup>Oral examinations are conducted in English, and are administered by two examiners or one examiner and one co-examiner. <sup>3</sup>One examiner or the co-examiner shall complete an examination record sheet for the oral examination that includes the following:

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location, start time, and duration of the examination; examination subject-matter and results; names of the examiner and co-examiner; name of the candidate; and any noteworthy incidents. <sup>4</sup>The record sheet is to be signed by the two examiners or by the examiner and co-examiner. <sup>5</sup>The examiners are to determine the grades for performance in the oral examinations under the terms of § 16.

- (10) <sup>1</sup>Talks are to assess the candidate's ability to present and discuss the current state of scientific research in a subject in a comprehensible way. <sup>2</sup>The topic is to be chosen by the relevant examiner. <sup>3</sup>The duration of the talk can be 20 to 45 minutes and is determined by the examiner. <sup>4</sup>Talks are to be graded by two examiners or one examiner and one co-examiner. <sup>5</sup>Assessment by a second examiner may be omitted if none is available. <sup>6</sup>A record sheet is to be filled out for each graded talk including the candidate's name, the names of the examiner(s) and co-examiner, the place, time, duration, subject matter, grade, and any noteworthy incidents during the presentation. <sup>7</sup>The record sheet is to be signed by the two examiners or by the examiner and co-examiner. <sup>8</sup>The grades for the talk are determined in accordance with § 16. <sup>9</sup>In the case of the presentation for the mandatory internship, § 4 para 2 shall apply.
- (11) <sup>1</sup>In research reports, record of the experiments carried out in research internships and module internships are to be scientifically documented. <sup>2</sup>The research report is usually evaluated by the examiner who supervises the research work. <sup>3</sup>The grades for the research report are determined in accordance with § 16. <sup>4</sup>An exception to this is the ungraded 10-page internship report, which must be completed in conjunction with the mandatory internship and is graded as "passed" or "failed" by the examiner.
- (12) <sup>1</sup>In research plans, ideas are presented over the course of 10 to 20 pages concerning a given issue and experimental approach for a scientific project and submitted in written form. <sup>2</sup>The terms of paragraph 11 sentence 2 and 3 apply *mutatis mutandis*.
- (13) <sup>1</sup>Term papers of 10-15 pages are written following the underlying course. <sup>2</sup>The topic is to be assigned by the relevant examiner in consideration of the candidate's request. <sup>3</sup>The time limit for term papers shall be 10 weeks. <sup>4</sup>The topic of the work is to be such that it can be completed within this time limit. <sup>5</sup>The chair of examiners may extend this deadline by up to one weeks at the request of the candidate and after having heard the supervisor in case of reasons beyond the candidate's control. <sup>6</sup>If the candidate demonstrates via a medical certificate that he or she was unable to work on the paper, the deadline is to be extended accordingly. <sup>7</sup>The written assignment and an electronic version must be submitted to the examiner no later than three weeks prior to the start of lectures the following semester. <sup>8</sup>Papers that are not submitted by the stated deadline are graded as "*nicht ausreichend*" ["unsatisfactory"]. <sup>9</sup>The examiner shall determine the grade under the terms of § 16. <sup>10</sup>One graded copy of the term paper shall remain in the records.

## § 12 Master's thesis

- (1) <sup>1</sup>The candidate's master's thesis should demonstrate that he or she is able to utilize relevant resources and adequately address and write about current issues in the field using scientific methods. <sup>2</sup>The topic may include interdisciplinary issues. <sup>3</sup>In any case, the topic must be related to economic issues.
- (2) <sup>1</sup>The chair or examiners shall appoint two reviewers (according to § 6), if possible, taking into account the candidate's wishes. <sup>2</sup>The topic of the master's thesis is generally to be assigned by the first reviewer active in the appropriate field and from the Faculty of Law, Business & Economics by way of the chair of examiners. <sup>3</sup>Record is to be made of the date on which the topic was assigned. <sup>4</sup>It is recommended that the master's thesis be completed in the fourth semester.
- (3) <sup>1</sup>The master's thesis is integrated into the programme of study and corresponds to a workload of 900 hours (including viva voce). <sup>2</sup>The master's thesis is to be submitted no later than six months after the topic was assigned. <sup>3</sup>In cases in which the candidate was not at fault for missing a deadline, at the request of the candidate, the chair of examiners may, after having heard the supervisor, extend the deadline by up to two weeks. <sup>4</sup>If the candidate demonstrates via a medical certificate that he or she was unable to work on the thesis, the deadline is to be extended accordingly. <sup>5</sup>Theses that are not submitted by the stated deadline are graded as "*nicht ausreichend*" ["unsatisfactory"].
- (4) <sup>1</sup>The master's thesis is to be submitted in the English language. <sup>2</sup>The master's thesis shall contain a statement at the end in which the author confirms that he or she wrote the thesis independently and did not make use of any sources or materials that are not cited in the thesis. It shall also be confirmed that the thesis had never before been submitted toward fulfilment of an academic degree.
- (5) <sup>1</sup>The thesis is to be submitted to the Examinations Office by the deadline given. <sup>2</sup>Record is to be made of the date on which the thesis was submitted.
- (6) <sup>1</sup>Two typewritten, paginated, and bound copies of the master's thesis are to be submitted. <sup>2</sup>The thesis must contain a table of contents and bibliography. <sup>3</sup>An additional copy is to be submitted electronically in PDF format.
- (7) <sup>1</sup>The candidate may return the topic to the board of examiners once within the first two weeks. <sup>2</sup>Paragraphs 1 to 6 also apply when assigning and working on a new topic.
- (8) <sup>1</sup>Examinations Office shall forward the thesis to the reviewers appointed. <sup>2</sup>The grades shall be made available no later than two months after submission of the thesis. <sup>3</sup>Each assessor shall provide a recommendation as to whether the thesis is to be accepted or rejected and assign a

grade in accordance with § 16. <sup>4</sup>In special cases, the board of examiners may call upon an additional assessor, especially if the grades assigned vary by more than one point.

- (9) <sup>1</sup>If different grades are assigned, the grade for the master's thesis shall be the arithmetic mean of the assessments. <sup>2</sup>In this calculation, the grade shall only be given to one decimal place; the remaining digits are to be truncated (not rounded). <sup>3</sup>§ 11 para 2 applies *mutatis mutandis*.
- (10) <sup>1</sup>The content of the master's thesis is to be presented in a 15-minute talk (viva voce). <sup>2</sup>The talk is followed by a 15-minute discussion that places the content of the master's thesis in a broader context. <sup>3</sup>The talk is given in front of the reviewers and is open to members of the University. <sup>4</sup>Upon request, the talk may not be public. <sup>5</sup>Assessment is to be carried out on a pass/fail basis. <sup>6</sup>If the grade is "failed", the talk can be repeated once. <sup>7</sup>The viva voce is not included in the calculation of the overall grade of the master's examination.
- (11) One copy of the master's thesis is to remain on record.

### **§ 13 Credit point system**

- (1) <sup>1</sup>A record of credit points for completed modules is to be kept by the University of Bayreuth's Examinations Office for each student who is enrolled in the programme of study. <sup>2</sup>The credit points that appear on the transcript are identical with credit points as stipulated in the European Credit Transfer System (see annex). <sup>3</sup>One credit point corresponds to a workload of 30 hours.
- (2) The credit points for the modules are given in the annex.

### **§ 14 Consideration of extenuating life circumstances**

- (1) <sup>1</sup>The utilization of protection periods of the Maternity Protection Act (MuSchG) shall be guaranteed. <sup>2</sup>Upon request, the claiming of parental leave in accordance with the Federal Parental Allowance and Parental Leave Act (Bundeselterngeld- und Elternzeitgesetz, BEEG) as well as periods for the care of a close relative within the meaning of § 7 para 3 of the Nursing Care Act (PflegeZG) who is in need of care within the meaning of § 14 and § 15 of the Eleventh Book of the Social Code (Sozialgesetzbuch, SGB XI) shall be guaranteed. <sup>3</sup>The appropriate evidence must be furnished; any changes in status are to be reported immediately.
- (2) <sup>1</sup>If duly requested, periods during which study was impossible or only possible to a limited extent for reasons beyond the student's control shall not be taken into account with regard to the examination schedule. <sup>2</sup>Corresponding evidence must be furnished; medical certificates must be presented in the case of illness. <sup>3</sup>Any changes in status are to be reported immediately.

## § 15 Consideration of the special needs of persons with disabilities or chronic illnesses

<sup>1</sup>For the sake of ensuring equal opportunities, the particular needs of examinees with disabilities or chronic illnesses are to be appropriately accommodated. <sup>2</sup>Upon written request, the board of examiners shall determine on the basis of the degree of disability in what form the examination is to be taken; alternatively, an extension or other reasonable accommodations may be granted. <sup>3</sup>Proof of the examination disability or chronic illness must be furnished in the form of a medical certificate stating that, due to a long-term or permanent disability or chronic illness, the examination cannot be taken in whole or in part in the intended form. <sup>4</sup>The request is to be submitted together with the examination registration. <sup>5</sup>If the request is submitted later, it shall only be valid for subsequent examinations.

## § 16 Grading of examinations

- (1) The following grading scale will be used in the assessment of the individual assignments and examinations; the digit to the right of the comma enables a more differentiated assessment between the whole-number values.

"sehr gut" (excellent)	= 1,0 or 1,3
"gut" (considerably better than average)	= 1,7 or 2,0 or 2,3
"befriedigend" (average)	= 2,7 or 3,0 or 3,3
"ausreichend" (fulfils the minimum requirements despite deficiencies)	= 3,7 or 4,0
"nicht ausreichend" (unsatisfactory due to considerable deficiencies)	= 5,0

- (2) <sup>1</sup>If a greater module examination is made up of multiple examinations, the grade for the module shall be established by calculating the arithmetic mean after weighting the components based on credit points. <sup>2</sup>In this calculation, the grade shall only be given to one decimal place; the remaining digits are to be truncated (not rounded). <sup>3</sup>Module grades are as follows:

an average of 1,5 or better	= sehr gut
an average of 1,6 up to and including 2,5	= gut
an average of 2,6 up to and including 3,5	= befriedigend
an average of 3,6 up to and including 4,0	= ausreichend.

### **§ 17 Final grade**

- (1) <sup>1</sup>The overall grade for the master's examination is calculated by taking the arithmetic mean of the module grades and the grade for the master's thesis, weighted according to the credit points awarded for each module as given in the annex. <sup>2</sup>In this calculation, the grade shall only be given to one decimal place; the remaining digits are to be truncated (not rounded).
- (2) Candidates who pass the master's examination are to receive a final grade as follows: an average grade of 1,2 or better is "ausgezeichnet", up to 1,5 is "sehr gut", up to 2,5 is "gut", up to 3,5 is "befriedigend", up to 4,0 "ausreichend".
- (3) The certificate or an attached document shall indicate how the final grade was calculated.
- (4) <sup>1</sup>In addition to the degree certificate, an ECTS grading table will be issued as stipulated in the ECTS guidelines in the version dated 6 February 2009. <sup>2</sup>This table displays what percentage of programme graduates in a given time frame received the same final grade as described in para 2. <sup>3</sup>Those programme graduates who were awarded their diplomas in the previous four semesters shall serve as the reference group as long as it includes at least 30 persons. <sup>4</sup>The date of the last examination shall be decisive in assigning graduates to a particular semester. <sup>5</sup>If the minimum number of graduates is not reached, the number of previous semesters is to be extended until the minimum number is reached. <sup>6</sup>If the programme of study does not yet have as many graduates as the minimum number required of the reference group, an ECTS grading table will be issued as soon as the minimum number is reached. <sup>7</sup>For degrees awarded before the minimum number is reached, an ECTS grading table will be issued at a later date upon request once the minimum number has been reached. <sup>8</sup>The graduate's own graduating class is also to be included in the reference group. <sup>9</sup>The size of the reference group and the time frame is to be included.

### **§ 18 Passing the master's examination**

- (1) Passing the master's examination requires a grade of "*ausreichend*" ["sufficient"] or "*bestanden*" ["passed"] or better for the master's thesis and each module; in addition, all 120 credit points must be earned and all requirements mentioned in § 2 para 2 must be fulfilled.
- (2) <sup>1</sup>If the candidate has not fulfilled the requirements given in para 1 by the end of his or her sixth semester due to reasons under his or her control, then the candidate shall be considered as having failed the master's examination on the first attempt. <sup>2</sup>Examinations that were taken on time and for which the candidate received a passing grade need not be repeated.

- (3) <sup>1</sup>If the missing examinations are not passed by the student within a year of the deadline given in para 2 sentence 1 for reasons under his or her control, or if all possibilities to repeat the examinations have been exhausted, then the candidate shall be considered as having failed the master's examination on the final attempt. <sup>2</sup>The deadline shall not take into account periods of leave and periods during which the candidate withdrew from study. <sup>3</sup>Notice shall be sent to inform the candidate that he or she has failed the examination on the final attempt in accordance with § 5 para 5 in conjunction with Article 41 BayVwVfG as amended. <sup>4</sup>The board of examiners may grant the student an extension of the deadline stated in sentence 1 for circumstances beyond his or her control.

### **§ 19 Repeating examinations**

- (1) <sup>1</sup>Each examination failed for the first time may be repeated once. <sup>2</sup>A second repetition is only permitted in three examinations. Repeating a failed examination for a third time is only permissible after subject-specific advising. <sup>4</sup>Students who fail the last possible repetition of examinations are to be considered as having failed the master's examination on the final attempt.
- (2) Up to two examinations may be repeated voluntarily for the purpose of improving one's grade. <sup>2</sup>Repeating the master's thesis with a passing grade voluntarily is not permitted.
- (3) The repetition may be held as a different form of examination in accordance with § 11; this is determined by the examiner.
- (4) <sup>1</sup>The master's thesis can be repeated with a new topic if the student receives a failing grade for the thesis. <sup>2</sup>Repeating the master's thesis for a second time is not permitted.
- (5) Administrative measures shall be taken to ensure that it is possible to repeat the failed examinations or a failed master's thesis within six months.

### **§ 20 Notice of failing the master's examination**

Notice shall be sent to inform the candidate that he or she has failed the master's examination on the final attempt in accordance with § 5 para 5 in conjunction with Article 41 BayVwVfG as amended.

### **§ 21 Access to examination documents**

- (1) Following the conclusion of the examinations process, the candidate may be granted access to his or her graded examination documents including the reviewer's report as well as the record sheets for the examination.
- (2) <sup>1</sup>Such requests are to be made six months after the degree certificate is awarded. <sup>2</sup>If the candidate was prevented from meeting the deadline in sentence 1 due to reasons beyond his or her control, Article 32 BayVwVfG shall apply.

### **§ 22 Defects in the examination proceedings**

- (1) If it is shown that there were defects in the examination proceedings which influenced the examination results, the candidate or the board on its own initiative shall request that the relevant examinations be repeated.
- (2) Any defects in the examination proceedings are to be reported to the examiner or the chair of examiners without delay, and in general, prior to notice being given of the examination results.
- (3) Claims under the terms of paragraph 1 must be made within six months of the examination's conclusion.

### **§ 23 Non-appearance, withdrawal from examinations, cheating, and policy violations**

- (1) <sup>1</sup>Candidates who have registered for an examination may withdraw without providing a rationale by withdrawing by the deadline announced by the board of examiners. <sup>2</sup>If the candidate fails to appear for an examination for which he or she was registered for reasons under his or her control or withdraws subsequent to the deadline stated in sentence 1, he or she will be considered to have failed the examination.
- (2) <sup>1</sup>The grounds for failing to appear - or as long as paragraph 1 sentence 1 does not apply, for withdrawal must be submitted to the board of examiners without delay and substantiated by *prima facie* evidence. <sup>2</sup>The same applies to inability to take the examination due to circumstances arising during the examination. <sup>3</sup>Inability to take the examination due to illness must be documented with a medical certificate. <sup>4</sup>If the board of examiners accepts the reasons given, a new examination time is to be offered under the terms of § 9 within six months.
- (3) If withdrawal or failure to appear is caused by reasons beyond the candidate's control, examinations elements completed up to that point are to be recognized.



- (4) <sup>1</sup>If the candidate attempts to influence the result on an examination by cheating or making use of materials that are not permitted, he or she shall be given the grade "*nicht ausreichend*" ["unsatisfactory"]. <sup>2</sup>Any candidate who causes considerable disruption to the course of an examination may be removed by the invigilator and barred from continuing the examination. In this case, he or she shall be given the grade "*nicht ausreichend*" ["unsatisfactory"].
- (5) <sup>1</sup>If cheating in the form of plagiarism is detected, the examination will be graded as "*nicht ausreichend*" ["unsatisfactory"]. <sup>2</sup>The accusation of plagiarism is justified if the examinee has attempted to influence the result of the examination in a way that is favourable to him or her by failing to specifically mark passages taken verbatim from other authors and also explanations of his or her work that are closely based on the thought processes of other authors. <sup>3</sup>The determination shall be made by the relevant examiner or invigilator and shall be recorded in the files. <sup>4</sup>In serious cases or in the case of repetition, the entire module examination can be declared failed and, in particularly serious cases, the right to repeat the examination can also be withdrawn and the entire module examination can be declared failed on the final attempt. <sup>5</sup>The decision on this is taken by the board of examiners. <sup>6</sup>In deciding on the imposition of the sanction, both the quantity of the plagiarism and its significance for the work must be assessed in each individual case.

#### **§ 24 Invalidating the master's examination**

- (1) If a candidate cheats during an examination and this fact does not come to light until after the degree certificate is issued, the board of examiners may retroactively change the relevant grades accordingly and declare the master's examination to be failed either in part or entirely.
- (2) <sup>1</sup>If the registration requirements for the examinations were not met by the candidate without this having involved any cheating on the part of the candidate, and if this fact does not come to light until after the degree is issued, then this fault shall be considered rectified via the candidate's passing of the master's examination. <sup>2</sup>If the candidate registered by intentionally providing false information, the board of examiners shall decide whether to revoke any unlawful administrative acts on the basis of the general principles of administrative law.
- (3) The candidate shall be permitted to make a statement prior to the decision.
- (4) The inaccurate degree certificate is to be taken away and, if applicable, replaced with a new one.

#### **§ 25 Awarding the master's degree; degree certificate**

<sup>1</sup>Upon the student's request, a diploma and a degree certificate for successful completion of the master's examination are to be issued within four weeks of demonstrating completion of the

***The University of Bayreuth is not liable for inaccuracies or mistakes in this English translation.  
In case of doubt, the German originals are to be used in a court of law.***

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required module credits. <sup>2</sup>The diploma is to include the title of the programme of study. <sup>3</sup>It is signed by the Dean of the Faculty of Law, Business & Economics and bears the seal of the university. <sup>4</sup>Upon issuance of the diploma, the graduate is given the right to bear the title "Master of Science". <sup>5</sup>This title is to be abbreviated "'M.Sc.'" and placed behind the surname.

- (2) <sup>1</sup>The certificate is to include the title of the programme of study, the final grade, all completed modules, all module examinations undertaken (including credit points and grades achieved), as well as the topic of the master's thesis and the grade received for the thesis. <sup>2</sup>The certificate is to be signed by the chair of examiners. <sup>3</sup>The date to be used is the day of the last examination or the date on which the last graded assignment was submitted. <sup>4</sup>An English translation of the diploma and a Diploma Supplement shall be issued in addition; the Diploma Supplement shall be signed by the chair of examiners. <sup>5</sup>In addition to the certificate, an ECTS grading table is to be issued under the terms of § 17 paragraph 4.
- (3) Revoking the degree "Master of Science" is to be carried out in accordance with the legal regulations (Article 69 BayHSchG).

### **§ 26 Academic advising**

- (1) General student advising is offered by the University of Bayreuth's Student Advising Office.
- (2) The programme advisor for the master's programme Environment, Climate Change & Health is to be responsible for questions relating to the master's programme (i.e. structure of the programme, organization of studies, course selection, and questions concerning examinations).
- (3) <sup>1</sup>In the course of the semester, the programme advisor shall offer advising for all students enrolled in the master's programme. <sup>2</sup>Programme-specific advising is recommended especially for the following persons:
1. new students,
  2. students who recently failed an examination,
  3. students who have considerably less than 15 credit points per semester,
  4. students transferring from a different subject, degree programme, or university.

### **§ 27 Effective date**

<sup>1</sup>These regulations go into effect on 26 April 2022. <sup>2</sup>They shall be valid for students enrolling in this programme in Winter Semester 2022/2023 or later.

## Annex: Modules, Credit Points, and Examinations

The master's programme is divided into the following three areas:

- The Basic Module Area (30 credits) covers fundamental content on the topics of environment, climate change and health. In addition, central methods and personal skills are taught, and this is continued in the advanced module area.
- The Advanced Module Area (30 credits) focuses on the core topics environment, climate change and health in a global context. A lecture series (as part of the integrative module) focuses on various key topics of current research and thus rounds out the unit.
- The Supplementary Module Area offers a choice of specific areas of emphasis that address relevant climate change and health issues, as well as characterize the relationship between climate change and health from the perspective of different disciplines. This is implemented in addition to the various participating research groups through hands-on co-teaching. Participation in a summer school and an internship provide in-depth insights into research and practice.

The following overview lists the module areas, the corresponding modules, and the associated module examinations.

Slashes by exams indicate alternative forms of examination.

Module area (modules)	Credit points	Semester hours	Examination
<b>Basic Module Area</b>			
Climate Change	5	4	Written exam/ term paper/ research report/ presentation/ oral exam
Medicine and Climate Change I	5	4	Written examination
Global Change Ecology	5	4	Written exam/ term paper/ research report/ presentation/ oral exam
Global Health Policy	5	2	Written examination
Ecosystems under Climate Change and Human Impact	5	4	Written exam/ term paper/ research report/ presentation
Integrative module from Lessons Learned + Lecture Series	5	2x 1	Research report/ presentation/ oral exam
<b>Total: Basic Module Area</b>	<b>30</b>		

<b>Advanced Module Area</b>			
Globalization of Economies and the Environment	5	4	Written exam/ term paper/ research report/ presentation/ oral exam
Medicine and Climate Change II	5	4	Written examination
Philosophy and Economics	5	2	Written exam/ term paper/ research report/ oral exam
Geographical and Spatial Dimensions of Global Change	5	2	Written exam/ term paper/ research report/ oral exam
Skills and Competences	10	6	Written exam/ term paper/ research report/ presentation/ oral exam/ research plan
<b>Total: Advanced Module Area</b>	<b>30</b>		
<b>Supplementary Module Area</b> (3 modules are selected from among 9 modules)			
Global Urban Health	5	2	Written exam/ term paper/ research report/ oral exam
Migration and Health	5	2	Written exam/ term paper/ research report/ oral exam
International Environmental and Sustainable Development Law	5	4	Written exam/ term paper/ research report/ presentation/ oral exam
Statistic and Analysis Tools	5	4	Research report/ presentation/ oral exam/ research plan
Food, Climate and Health Communication	5	4	Written exam/ term paper/ research report/ presentation/ oral exam
Environmental and Resource Technology	5	4	Written exam/ term paper/ research report/ presentation/ oral exam
Tools in Social Research	5	4	Written exam/ term paper/ research report/ presentation/ oral exam research plan
Sport Ecology	5	4	Written exam/ term paper/ research report/ presentation/ oral exam/ research plan

Global Political Economy of Food and Nutrition	5	2	Written examination
<b>Total: Advanced Module Area</b>	<b>15</b>		
Summer School	5		Written exam/ term paper/ research report/ presentation/ research plan
Internship	10		Internship report (ungraded)/ presentation (ungraded)
Master's thesis	30		Master's thesis with ungraded viva voce
<b>Total:</b>	<b>120</b>		

Issued on the basis of a decision made by the University of Bayreuth's Senate on 16 March 2022 and approved by the President of the University of Bayreuth on 21 April 2022, Ref. No. A 3395/11 - I/ 1.

Bayreuth, 25 April 2022

UNIVERSITY OF BAYREUTH  
[seal]

THE PRESIDENT  
[signature]  
Professor Dr. Stefan Leible

These regulations were enacted at the university on 25 April 2022.

This was announced on 25 April 2022 by posting a notice at the university.

The date of the announcement is 25 April 2022.