

Care was taken to ensure the text of these regulations is accurate and up-to-date; the present version may nevertheless contain errors. The version published in the official gazette of the Bavarian State Ministry of Education, Science and the Arts, or available online at http://www.uni-bayreuth.de/universitaet/leitung_und_organe/Universitaetsverwaltung/abt1/amtliche-bekanntmachungen/index.html is the official version.

Please note the effective dates of the amendments.

**Examination and Study
Regulations for the
Master's Programme
Economics (*Volkswirtschaftslehre*)
at the University of Bayreuth
dated 10 June 2010**

here the amended version of 20 June 2017

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 Examination Regulations issued by the University of Bayreuth.*)

*) Any gender-specific language used in these regulations applies to both men and women.
Changes will not be made to the wording of the individual regulations.

Contents

- § 1 Purpose of the master's examination
- § 2 Admission to the programme; qualification
- § 3 Structure of full-time and part-time study; standard period of study
- § 4 Board of examiners
- § 5 Examiners and co-examiners
- § 6 Disqualification due to personal involvement; confidentiality
- § 7 Admission to the examinations
- § 8 Awarding credit transfers
- § 9 Times for holding examinations; announcing examination times and examiners
- § 10 Elements of the examination
- § 11 Form of examinations
- § 12 Master's thesis
- § 13 Credit point system
- § 14 Consideration of extenuating life circumstances
- § 15 Consideration of the special needs of disabled persons
- § 16 Grading of examinations
- § 17 Final grade
- § 18 Passing the master's examination
- § 19 Repeating examinations
- § 20 Notice of failing the master's examination
- § 21 Access to examination documents
- § 22 Defects in the examination proceedings
- § 23 Absence, withdrawal, cheating & policy violation
- § 24 Invalidating the master's examination
- § 25 Awarding the master's degree; diploma
- § 26 Academic advising
- § 27 Effective date and transitional provisions

Annex: Modules, Credit Points, and Examinations

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§ 1

Purpose of the master's examination

¹ The master's examination as the conclusion of the master's programme Economics (*Volkswirtschaftslehre*) is designed to assess whether the candidate demonstrates a theoretical and methodological understanding in the field of economics and that he or she has honed the subject-related skills detailed in the present regulations. ²The master's programme Economics (*Volkswirtschaftslehre*) is held in the English language. ³The University of Bayreuth, by way of the Faculty of Law Business & Economics, awards the academic degree "Master of Science" (abbreviated: M.Sc.).

§ 2

Admission to the programme; qualification

(1) Admission prerequisites for the master's programme Economics (*Volkswirtschaftslehre*) are as follows:

1. a higher education degree (or completed studies) with at least the examination grade "good" (2,5) in the bachelor's programmes Economics, International Economics and Development, Business Administration, Philosophy & Economics, or Health Economics at the University of Bayreuth or a degree equivalent to this
2. proof of English language skills at level B2 of the Common European Framework of Reference for Languages in the case of applicants who have neither obtained their higher education entrance qualification nor their initial degree in English; the required English language skills can also be proven by a thesis written in English in a degree programme.
3. proof of German language skills according to level A1 of the Common European Framework of Reference for Languages for applicants who have neither obtained their higher education entrance qualification nor their initial degree in German; the required German language skills can also be proven by a final thesis written in German in a degree programme. Applicants who cannot provide this proof will be enrolled under the condition that they submit proof of the required language skills by the end of the second semester of study at the latest.

(2) ¹In cases in which the study and examination achievements in individual areas are not equivalent in content and scope to those required in the bachelor's programmes in Economics, International Economics & Development, Business Administration, Philosophy & Economics, or Health Economics at the University of Bayreuth, applicants

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can be admitted under the condition that, in addition to the credits to be earned in the master's programme, they also successfully complete examinations and coursework in these areas up to a maximum of 30 credits from the respective bachelor's programme within one year (reduced by the credit points of all credited courses according to § 8); otherwise the requirements for admission to the degree programme will be deemed not to have been met. ²The regulations of the respective examination and study regulations of the bachelor's programmes at the University of Bayreuth mentioned in sentence 1 (as amended) shall apply.

- (3) The board of examiners convened in accordance with § 4 is responsible for establishing equivalency as described in paragraph 2.
- (4) ¹If the bachelor's certificate or degree certificate deemed to be comparable is not yet available, confirmation containing the individual grades for all examinations and courses up to the time of registration must be submitted. ²Such coursework must amount to at least 150 ECTS points and correspond to a final grade of "good" (2,5) or better. ³Applicants who meet the requirements given in sentence 2 will be enrolled under the condition that they submit the relevant degree certificate with at least the grade "good" (2,5) by the end of the first semester of study.

§ 3

Structure of full-time and part-time study; standard period of study

- (1) The master's programme Economics (*Volkswirtschaftslehre*) is divided into the following module areas:

module area "Mathematical Prerequisites"

module area "Foundations"

module area "Specialization" (two specializations from the following)

"Modelling"

"International Economics"

"Governance"

"Health Economics"

"Business Administration"

module area "Individual Focus" (language, internship, or additional courses)

module area "Master's Thesis".

During one's studies, two specializations are chosen for which 18 credit points each are allotted. ³Specializations can be changed up to the end of the second semester.

- (2) ¹The master's programme Economics (*Volkswirtschaftslehre*) can be completed as a full-time or part-time programme of study. ²Upon registration, the applicant must decide whether he or she wants to complete the programme of study as a full-time or part-time student. ³Changing from full-time to part-time study or from part-time to full-time study is only possible within the enrolment period of each new semester. ⁴The programme comprises four semesters of full-time study including the master's thesis (standard period of study). ⁵In part-time study, the programme comprises eight semesters including the master's thesis. ⁶Unless special provisions are made in the present regulations, the deadlines set for full-time studies also apply to part-time studies.
- (3) A total of 120 credit points must be earned in accordance with the European Credit Transfer System (ECTS).
- (4) New students can begin the programme in the winter semester or the summer semester.

§ 4 Board of examiners

- (1) ¹A board of examiners shall be formed to make the necessary decisions with regard to admission to the master's programme and the organizational execution of the master's examination. ²The 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. ³The board is made up of a chair and two additional members; the chair and the additional members shall each have one substitute. ⁴The members of the board of examiners and their substitutes shall be elected by the faculty council from among the faculty's professors (Article 2 para 1 sentence 1 number 1 of the *Bayerisches Hochschulpersonalgesetz*) to serve a five-year term. ⁵The board of examiners shall elect a chair and a deputy chair from among its members.
- (2) ¹The 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. ²The decisions taken by the board of examiners in its meetings are to be made on the basis of majority vote. ³Vote abstention, secret voting, and proxy voting are prohibited. ⁴If votes are equally divided among its members, the chair's vote shall be decisive.
- (3) ¹The chair shall ensure that the requirements of these regulations are fulfilled. ²He or she shall convene the meetings of the board of examiners and shall act as chair of its proceedings and decisions. ³With regard to matters that cannot be postponed, he or she is authorized to make decisions on behalf of the board of examiners. ⁴He or she must promptly inform the other members of any such decision - at the next meeting at latest. ⁵In 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. ⁶The chair can delegate tasks to members of the board of examiners.
- (4) The board of examiners shall regularly report to the faculty council concerning updates to examination schedules and study periods and may make suggestions for reforming the present regulations.
- (5) ¹Any notices the board of examiners issues under the terms of the present regulations are to be published together with a rationale and information concerning legal remedies available. ²Notices of appeal shall be issued by the president of the University of Bayreuth after having heard the board of examiners.

§ 5

Examiners and co-examiners

- (1) ¹Any person who is authorized to administer examinations at institutions of higher education according to the Bavarian Higher Education Act (*BayHSchG*) and the *HSchPrüferV*, as amended, may serve as examiner. ²Any member of the University of Bayreuth who is a graduate of an equivalent or comparable programme of study may serve as co-examiner.
- (2) ¹If 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. ²Authorization to administer examinations shall generally remain valid for up to three years.
- (3) ¹Unless otherwise decided by the chair of examiners, the relevant instructor shall also serve as examiner. ²If 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.

§ 6

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 of the *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 3 of the *BayHSchG*.

§ 7

Admission to the examinations

Students who are enrolled in the master's programme Economics (*Volkswirtschaftslehre*) are considered *ipso facto* to be admitted to the examinations.

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§ 8 Credit transfer

- (1) Awarding credit for competencies (learning outcomes) is governed by Article 63 para 1 and 2 of the Bavarian Higher Education Act (*BayHSchG*).
- (2) ¹If 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. ²If 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:
- $$x = 1 + 3 \cdot (N_{\max} - N_d) / (N_{\max} - N_{\min})$$
- 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. ³If the grading systems are not analogous, the remark "*bestanden*" ["passed"] shall appear in place of a grade; in this case, the course shall not be taken into account when calculating the final grade. ⁴The board of examiners in consultation with the relevant representative from the subject area shall decide whether the requirements for credit transfer have been met. ⁵If credit transfer is denied, the person concerned can request a review of the decision by submitting a request to the University Governing Board within four weeks of notification of denial. ⁶The 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 announcement of the examination results for the last possible repetition of an examination in the relevant module.

§ 9

Times for holding examinations; announcing examination times and examiners

- (1) ¹Written and oral examinations are to be held once a semester. ²The examinations are generally held from the last week of lectures to the end of the fourth week of semester break. ³An additional examination time may be scheduled for the beginning of the following semester.
- (2) ¹The examination dates, form of examination, the precise duration of each examination, and the resources that can be used during the examination are to be determined by the examiner at the start of the course and published university-wide. ²A change of examiner on short notice shall only take place if there are urgent grounds for doing so.

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- (3) Students must 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 is made up of the following elements:
1. the module examinations listed in the annex for the relevant courses and
 2. the master's thesis.
- (2) The examinations serve to demonstrate that the examinee has achieved the desired learning outcomes of the individual modules.

§ 11 Form of examinations

- (1) ¹Examinations are carried out in the form of written examinations, oral examinations, essays, presentations, and/or written homework assignments. ²The possible forms of examination in the modules are given the annex.
- (2) ¹Assessment of examinations is to be carried out according to the process announced by the board of examiners. ²Notifications will not be sent individually. ³Students are required to familiarize themselves, independently and in a timely manner, with the terms of the present regulations pertaining to repeating examinations; they alone are responsible for checking examination results in a timely manner.
- (3) ¹If 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. ²In the case described in paragraph 8, sentence 1 does not apply.
- (4) ¹Written examinations are to be between one and two hours in duration; the duration of the examination should be appropriate to the requirements of the particular course. ²The relevant examiner shall decide which resources may be used during the examination. ³Written examinations may be held in English or - with the supervisor's approval - in the German language. ⁴A written record of the examination is to be made.

- ⁵The invigilator shall confirm the accuracy of the record by providing his or her signature. ⁶The examination record sheet is to include all aspects of the examination that are relevant to determining the grade.
- (5) ¹If a candidate arrives to the examination late, he or she shall not be given additional time to finish the examination. ²Candidates may leave the room during an examination if permission is granted by the invigilator. ³The time and duration of absence are to be noted on the question paper.
- (6) ¹Written examinations and tests are generally to be graded by the examiner who was appointed by the chair of examiners. ²If an examinee receives the grade "*nicht ausreichend*" [unsatisfactory] on a written examination, a second examiner shall also provide an assessment. ³The examiner is to determine the grades for performance in the individual examinations under the terms of § 16. ⁴An assessment of each written examination shall be provided no later than four weeks after the written examination. ⁵The board of examiners may decide to appoint an additional examiner. ⁶The graded written examination shall remain in the examination records.
- (7) ¹Written examinations may be conducted fully or in part using multiple choice testing. ²If written examinations are conducted only in part using multiple choice testing, the terms of paragraphs 4 and 7 sentences 1 and 2 apply for the portion that is not multiple choice. ³The questions in the multiple choice section are to be posed by the first and second examiners. ⁴Prior 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. ³If the written examination is conducted only in part by using multiple choice testing, weighting for the individual parts must also be stipulated. ⁴Grading of examinations may be carried out with the help of an optical mark sense reader.
- (8) ¹A multiple choice examination is considered passed if the examinee achieves a grade that is above the absolute cut-off grade (at least 50% of the total points) or the relative cut-off grade. ²The 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%. ³The relative cut-off grade is only to be taken into account if it is below the absolute cut-off grade. ⁴Cut-off grades that are not whole number values shall be rounded in favour of the student. ⁵An examination is considered passed

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if a grade of "*ausreichend*" [sufficient] (4,0) or better is achieved. ⁶If 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 grade shall be as follows:

- 1,0 ("*sehr gut*"/ very good), for 90% or better
- 1,3 ("*sehr gut*"/ very good), for 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 ("*befriedigend*"/ satisfactory), 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), above the cut-off grade, but less than 10%

above the lowest passing grade. ⁷Cut-off grades that are not integer numbers shall be rounded in favour of the student.

⁸If the cut-off grade is not reached, the grade is as follows:

- 5,0 ("*nicht ausreichend*"/ unsatisfactory).

⁹If 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.

¹⁰If the examination is only carried out in part via multiple choice testing, grades shall be assigned for the individual parts. ¹¹The details above also apply to the multiple choice portion.

- (9) ¹Oral examinations are to be held over a period of 20 to 60 minutes, depending on the requirements of the particular taught course. The oral examination is to be administered by an examiner and co-examiner in English - or with the approval of examiner - the German language. ³The examiner or co-examiner shall complete an

examination record sheet for the oral examination that includes the following: location, start time, and duration of the examination; examination subject-matter and results (grade); names of the examiner and co-examiner; the candidate's name; and any noteworthy incidents. ⁴The examination record sheet is to be signed by the examiner and co-examiner. ⁵The examiners are to determine the grades for the oral examinations under the terms of § 16.

- (10) ¹If the audience for an oral examination must be limited due to room capacity, those students who wish to take the same examination within the next two semesters are to be given preference. ²The examination can be conducted without an audience if so requested by the candidate. ³Discussion and announcement of the examination results shall not be conducted in public.
- (11) ¹Term papers and essays may be submitted in English or - with the supervisor's approval - in the German language. ²The topic is to be chosen by the relevant examiner. ³The time limit for term papers shall be up to six weeks; the time limit for completing essays shall be considerably shorter (one to two weeks). ⁴The topics for term papers are to be such that they can be completed within this time limit. ⁵The chair of examiners may extend this deadline by up to one week at the request of the supervisor if there are exceptional grounds for doing so. ⁶If the candidate demonstrates via a medical certificate that he or she was unable to work on the thesis, the deadline may be extended accordingly. ⁷Term papers that are not submitted by the stated deadline are to be graded as "*nicht ausreichend*" ["unsatisfactory"]. ⁸The examiner shall determine the grade under the terms of § 16. ⁹The graded written examinations shall remain in the examination records; the same applies to essays.
- (12) ¹Presentations are to be held in the framework of the advanced seminar in which they were assigned. ²The topic of the presentation is to be assigned by the instructor responsible for the course. ³They are 20-40 minutes in duration. ⁴The examiner shall determine the grade under the terms of § 16.

§ 12

Master's thesis

- (1) ¹The candidate's master's thesis should demonstrate that he or she is able to utilize relevant resources

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and adequately address and write about current issues in the field using scientific methods. ²The topic may include interdisciplinary issues.

- (2) ¹The topic of the master's thesis is assigned by an examiner (§ 5, paragraph 1) of the corresponding subject from the Faculty of Law, Business & Economics, if possible taking into account the candidate's wishes, via the Examinations Office. ²The date of assignment and the topic are to be recorded. ³It is recommended that the master's thesis be completed in the fourth semester of study (full-time students) or after the sixth semester of study (part-time students).
- (3) ¹The master's thesis is to be integrated into the programme of study and shall correspond to a workload of no more than 720 hours. ²The time period from the assignment of the topic to submission of the master's thesis is to be five months for full-time students or ten months for part-time students. ³The chair of examiners may extend this deadline by up to six weeks for full-time students or up to 12 weeks for part-time students at the request of the supervisor if there are exceptional grounds for doing so. ⁴If the candidate demonstrates via a medical certificate that he or she was unable to work on the thesis, the deadline may be extended accordingly. ⁵Theses that are not submitted by the stated deadline are to be graded as "*nicht ausreichend*" ["unsatisfactory"].
- (4) ¹The master's thesis may be written in German or English. ²The 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) ¹The thesis is to be submitted to the examiner by the deadline given, who will in turn inform the chair of examiners and forward one copy to the Examinations Office. ²Record is to be made of the date on which the topic was submitted.
- (6) ¹Two typewritten, paginated, and bound copies are to be submitted. ²The thesis must contain a table of contents, a summary, and a bibliography. ³One additional copy is to be submitted electronically.
- (7) ¹The candidate may return the topic to the board of examiners once within the first two weeks. ²Paragraphs 1 to 6 also apply when assigning and working on a new topic.
- (8) ¹The chair of examiners shall forward the thesis to the appropriate assessor ²If an examinee receives the grade "*nicht ausreichend*" [unsatisfactory] for the thesis,

a second assessor from the examiners described in § 5 shall also provide an assessment. ³The assessment shall be made available no later than two months after submission of the thesis. ⁴Each examiner shall provide a recommendation as to whether the thesis is to be accepted or rejected and assign a grade in accordance with § 16. ⁵In special cases, the board of examiners may call upon an additional assessor, especially if the grades assigned vary by more than one point.

- (9) ¹If an examination is assessed by more than one examiner, the grade shall be determined by calculating the average of the grades. ²In this calculation, the grade shall only be given to one decimal place; the remaining digits are to be truncated (not rounded).
- (10) If the master's thesis is deemed "unsatisfactory" [*nicht ausreichend*], the chair of examiners or his or her deputy shall inform the candidate of the decision.
- (11) One copy of the master's thesis is to remain on record.

§ 13

Credit point system

- (1) ¹A 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. ²The credit points that appear on the transcript are identical to credit points as stipulated in the European Credit Transfer System (see annex). ³One credit point is based on a workload of 30 hours.
- (2) The credit points for the modules are given in the annex.

§ 14

Consideration of extenuating life circumstances

- (1) If duly requested, the following are to be observed: periods set aside by law for working mothers in § 3, 4, 6, and 8 of the Working Mothers Protection Act, *MuSchG*, dated 20 June 2002, BGBl p. 2318 - as amended, periods set aside under the laws concerning parental leave (*BEEG*, dated 5 December 2006, BGBl p. 2748 - as amended), and periods reserved for care of a family member (as stipulated in *PflegeZG*, dated 28

May 2008, BGBl pp. 874, 896 - as amended) who requires care as described in §§ 14 and 15 of SGB XI, dated 26 May 1994 (BGBl pp. 1014 and 1015), as amended.

²The appropriate evidence must be furnished; any changes in status are to be reported immediately.

- (2) ¹If 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. ²Corresponding evidence must be furnished; medical certificates must be presented in the case of illness. ³Any changes in status are to be reported immediately.

§ 15

Consideration of the special needs of disabled persons

¹For the sake of ensuring equal opportunities, the particular needs of disabled examinees are to be appropriately accommodated. ²At the written request of the candidate, the board of examiners shall determine, on the basis of the severity of the demonstrated examination disability, the form in which a disabled candidate will perform his or her examination or grant a time extension or some other compensation for disadvantages. ³Evidence of disability is to be provided by way of a medical certificate which confirms that the candidate is unable (entirely or in part) to take the examination in its usual form due to a lasting or permanent disability. ⁴The request is to be submitted together with the examination registration. ⁵If the request is submitted later, it shall only be valid for subsequent examinations.

§ 16

Examination grades

- (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 performance)	= 2,7 or 3,0 or 3,3

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"*ausreichend*" (performance that meets the minimum requirements despite deficiencies) = 3,7 or 4,0

"*nicht ausreichend*" (insufficient due to considerable deficiencies) = 5,0.

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

average grade of 1,5 or better = "*sehr gut*"

for an average grade of 1,6 up to and including 2,5 = "*gut*"

for an average grade of 2,6 up to and including 3,5 = "*befriedigend*"

for an average of 3,6 up to and including 4,0 = "*ausreichend*".

§ 17 Final grade

- (1) ¹The overall grade for the master's examination is calculated by taking the arithmetic mean of the grades received for the modules completed successfully, weighted according to the credit points awarded. ²In 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) Calculation of the final grade is to be carried out by the chair of examiners. The certificate or an attached document shall indicate how the final grade was calculated.
- (4) ¹In 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. ²This table displays what percentage of programme graduates in a given time frame received the same final grade as described in paragraph 3. Those programme graduates who were awarded their diplomas in the previous 8 semesters

shall serve as the reference group as long as it includes at least 30 persons. ⁴The date of the last examination shall be decisive in assigning graduates to a particular semester. ⁵If the minimum number of graduates is not reached, the number of previous semesters is to be extended until the minimum number is reached. ⁶If 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. ⁷For 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. ⁸The graduate's own graduating class is also to be included in the reference group. ⁹The 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 better for the master's thesis and each examination; in addition, all 120 credit points (including the master's thesis) must be earned and all requirements in connection with § 2 para 2 must be fulfilled.

- (2) ¹If the candidate has not fulfilled the requirements given in paragraph 1 by the end of his or her sixth semester in full-time study or twelfth semester in part-time study 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. ²Examinations that were taken on time and for which the candidate received a passing grade need not be repeated.

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

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§ 19

Repeating examinations at the University of Bayreuth

- (1) Any examination that was failed on the first attempt can be repeated once.
- (2) Voluntary repetition of an examination that was already passed is only permitted for up to two examinations; voluntary repetition of the master's thesis is not permissible.
- (3) ¹Repeating an examination for a second time is only permitted for up to three examinations. ²Students who fail the second repetition of an examination are to be considered as having failed the master's examination on the final attempt.
- (4) ¹The master's thesis can be repeated with a new topic if the student receives a failing grade for the thesis. ²Repeating 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

If a candidate has failed the master's examination on the final attempt, then a written notice shall be sent to him or her within two weeks upon request; the notice shall include a list of the individual examination grades as well as the missing examination elements.

§ 21

Access to examination documents

- (1) Following the conclusion of the examination process, the candidate may upon request be granted access to his or her graded examination documents including relevant comments made by the examiners as well as the record sheets for the examination.
- (2) ¹Such requests are to be submitted to the chair of examiners no later than one month after the degree certificate is awarded. ²If the candidate was prevented through no fault of his/her own from meeting the deadline in sentence 1, Art. 32 of the Bavarian Administrative Procedure Act 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 or circumstances preventing the candidate from completing the examination are to be reported to the examiner or the chair of examiners without delay, and generally 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) ¹Candidates who have registered for an examination may withdraw without providing a rationale by submitting a written statement of withdrawal by the deadline announced by the board of examiners. ²If 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) ¹The grounds for failing to appear or - to the extent that 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.

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²The same applies to inability to take the examination due to circumstances arising during the examination. ³Inability to take the examination due to illness must be documented with a medical certificate. ⁴If 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) ¹If the candidate attempts to influence the result of an examination by cheating or making use of materials that are not permitted, he or she shall be given the grade "*nicht ausreichend*" [unsatisfactory]. ²Any 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].

§ 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) ¹If 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. ²If 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; diploma

- (1) ¹A diploma and a certificate for successful completion of the master's examination are to be issued within four weeks of demonstrating completion of all required modules. ²The diploma is to include the title of the programme of study. ³It is to be signed by the dean of the Faculty of Law, Business & Economics and stamped with the seal of the University. ⁴Upon issuance of the diploma, the graduate is given the right to bear the title "Master of Science". ⁵This title is to be abbreviated "M.Sc." and placed behind the surname.
- (2) ¹The certificate is to include the title of the programme of study, the final grade, module grades and credit points, grades for the individual examinations, as well as the topic of the master's thesis and the grade for the thesis. ²The certificate is to be signed by the chair of examiners. ³The date to be used is the day of the last assessment component. ⁴An English translation of the certificate and a Diploma Supplement will also be issued; the Diploma Supplement will be signed by the chair of examiners. ⁵In addition to the certificate, an ECTS grading table is to be issued under the terms of § 17 paragraph 4.
- (3) Any revocation of the degree "Master of Science" is to be carried out in accordance with the legal regulations (Article 69 of the Bavarian Higher Education Act).

§ 26

Academic advising

- (1) General student advising is offered by the University of Bayreuth's Student Advising Office.
- (2) ¹The programme coordinator for the master's programme is to be responsible for questions relating to the master's programme Economics (*Volkswirtschaftslehre*), i.e. the structure of the programme, organization of studies, course selection, and questions concerning examinations. ²His or her name can be found in the course catalogue.
- (3) ¹In the course of each semester, the programme coordinator shall offer advising for all students enrolled in the master's programme. ²Programme-specific advising is recommended especially in the following cases:
- for new students,
 - following failed examination attempts or attempts to fulfil admission requirements,
 - after having failed examinations,
 - if the progress of studies is significantly lower than 30 credit points per semester for full-time students or 15 credit points per semester for part-time students,
 - in the case of a change of subject, programme, or university,
 - before changing from full-time to part-time studies or from part-time to full-time studies.

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§ 27

Effective date and transitional provisions

- (1) ¹These regulations shall take effect on the day following their publication. ²They shall be valid for all students enrolling in this programme for the first time in Winter Semester of 2010/11 or later. ³The remaining students are to plan their studies in accordance with the previous Examination and Study Regulations for the master's programme Economics (*Volkswirtschaftslehre*) at the University of Bayreuth dated 25 May 2009 (AB UBT 2009/027); upon request, they may pursue their studies based on the present regulations.
- (2) Notwithstanding the provisions of paragraph 1 sentence 3, the Examination and Study Regulations for the master's programme Economics (*Volkswirtschaftslehre*) at the University of Bayreuth, dated 25 May 2009 (AB UBT 2009/027), shall cease to apply. *

*) The fifth set of amendments contains the following provisions with regard to the effective date:

¹These regulations shall take effect on 21 June 2017. ²It applies to all students who enrol in the programme for the first time in or after Winter Semester 2017/18. ³The remaining students organize their studies according to the previous examinations and study regulations for the master's programme Economics (*Volkswirtschaftslehre*) dated 10 June 2010 (AB UBT 2010/028), last amended on 10 August 2016 (AB UBT 2016/049). ⁴Notwithstanding sentence 3, they may organize their studies in accordance with the present regulations upon written application to the board of examiners.

Annex: Modules, Credit Points, and Examinations

OVERVIEW

The following provides an overview of total credit points by module area:

Module area	credit points (CP) per area
Mathematical Prerequisites	6 CP
Foundations	24 CP
Specialization	36 CP
Individual Focus	30 CP
Master's thesis	24 CP
Total	120 CP

The following provides an overview of the modules and corresponding examinations and coursework requirements.

Modules and Credit Points:

Module area	Credit points	Type of examination*
Modules		
Mathematical Prerequisites		
Intermediate Mathematics for Economics and Management	6	W, O, T, E
Total for module area Mathematical Prerequisites	6	
Foundations		
Advanced Microeconomics I	8	W
Advanced Macroeconomics I	8	W
Advanced Empirical Economics I	8	W, O, T, WE
Total for module area Foundations	24	
Specialization** (select 2 subjects)		
Modelling:		
Advanced Microeconomics II	6	W, O, E
Advanced Macroeconomics II	6	W, O, E
Advanced Empirical Economics II	6	W, O, T, WE
International Economics:		
Theory and Empirics of Monetary and Currency Policies	6	W
Theory and Empirics of International Trade	6	W
International Labour Markets	6	W
Governance:		
Governance, Competition & Social Developments	6	W
Problems of Competition Policy & Economic Policy	6	W, T, E
Public Finance III	6	W

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Health Economics	18	usually W for lectures
Three modules selected from module area B: <i>Ökonomie des Gesundheitswesens</i> in the master's programme Health Economics at the University of Bayreuth		
Business Administration	18	usually W for lectures
Three modules chosen from "basic module area B2" of the master's programme Business Administration (<i>Betriebswirtschaftslehre</i>) at the University of Bayreuth; selecting a different module from the master's programme Business Administration in only possible with the approval of the relevant instructor and the programme coordinator.		
Total for module area Specialization	36	
Individual Focus*** (language, internship, additional courses)	30	Examination in the selected focus areas
Total for module area Individual Focus	30	
Master's Thesis	24	Thesis
Total	120	

Within one's studies, at least one module must be completed in the form of a seminar.

* "W" stands for "written examination", "O" stands for "oral examination", "T" stands for "talk/presentation", "E" stands for "essay/term paper". "WE" are the written examinations for empirical courses (can be taken on a computer).

** Two specializations are to be chosen, for which 18 credit points each (three modules) are allotted. At least one specialization in economics must be chosen.

***This module area consists of the following three parts to choose from: internship (further information available from Internship Services), language courses (up to 16 credit points can be earned for one or two languages), and related supplementary courses (courses that have not yet been completed from the "specialization areas" or from the related master's programmes Health Economics (*Gesundheitsökonomie*) and Business Administration (*Betriebswirtschaftslehre*), or related master's modules completed during a stay abroad. Students can choose a combination of the three parts. In any case, the areas/ courses are to be selected such that at least 30 credit points are earned. Twelve credit points can be awarded for the internship.

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