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**Examination Regulations for the Bachelor Programme in  
Health Economics at the Faculty of Management, Economics and Social  
Sciences and the Faculty of Medicine  
of the University of Cologne**

**Dated 28 January 2021**

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	Reference	Entry into effect
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On the basis of Section 2 (4) and Section 64 of the Act on the Universities of the State of North Rhine-Westphalia (*Hochschulgesetz*, HG) in the version of the Future of Higher Education Act (*Hochschulzukunftsgesetz*, HZG NRW) of 16 September 2014 (Law and Official Gazette of North Rhine-Westphalia (*Gesetz- und Verordnungsblatt des Landes Nordrhein-Westfalen*, GV NRW) p. 547), last amended by Article 10 of the Act on the Consistent and Solidary Management of the COVID-19 Pandemic in North Rhine-Westphalia and on the Amendment of State Law in Relation to the Effects of a Pandemic of 14 April 2020 (GV. NRW p. 217b), the Faculty of Management, Economics and Social Sciences and the Faculty of Medicine have issued the following regulations:

### **Section 1: Scope**

<sup>1</sup>These Examination Regulations cover programme details, the examination procedure and the degree awarded for the programme in health economics at the University of Cologne. <sup>2</sup>The module contents and requirements and the fields of study are set out in the annex. <sup>3</sup>The annex forms part of these Examination Regulations.

### **Section 2: Objective of the programme**

<sup>1</sup>The bachelor programme prepares students for jobs that require them to apply academic knowledge and methods. <sup>2</sup>Academic in nature, the programme imparts subject-related, methodical and communicative skills, enabling students to find solutions to theoretical and practical problems; by promoting a critical and constructive approach, it also helps shape trends and changes in society and the world of work.<sup>1</sup> <sup>3</sup>Before commencing their studies or during term breaks, students are recommended to undertake internships independently of their courses to supplement the content of the programme and gain first-hand experience of practice significant to their chosen programme; when planning internships, exam candidates must bear in mind the scheduling of any relevant examinations. <sup>4</sup>The bachelor degree is a first-level degree awarded by the Faculty of Management, Economics and Social Sciences and the Faculty of Medicine of the University of Cologne (hereinafter referred to as the "Faculties") and forms the basis for master programmes in a related subject area.

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<sup>1</sup> Students acquire the necessary knowledge and competences that enable them to exercise good scientific practice and to act responsibly in science in accordance with the University of Cologne's "Guidelines for Good Scientific Practice" (Official Notices of the University of Cologne 8/2022), as amended.

### **Section 3: Degree awarded**

<sup>1</sup>Students who successfully complete the programme are awarded the academic title of “Bachelor of Science, B.Sc”.

### **Section 4: Start of the programme, standard period of study and organisation of the programme**

(1) <sup>1</sup>The programme can only be started in the winter semester. <sup>2</sup>The standard period of study is six semesters.

(2) <sup>1</sup>The Faculty of Management, Economics and Social Sciences and the Faculty of Medicine shall organise the programme in such a way that it can be completed within the standard period of study. <sup>2</sup>The Faculties shall provide appropriate assistance to students to help them organise their studies; this shall include providing programme-specific advisory services and evaluating and assuring teaching quality.

(3) <sup>1</sup>A curriculum overview shall be drawn up and made accessible in an appropriate form. <sup>2</sup>This curriculum overview does not form part of the Examination Regulations.

### **Section 5: Total credit points and programme structure**

(1) Students must earn 180 credit points, as described in Section 7, during the programme.

(2) <sup>1</sup>The programme in health economics comprises at least 24 modules as defined in Section 6. <sup>2</sup>The programme is divided into core, advanced, supplementary and specialisation modules. <sup>3</sup>The provisions concerning the total credit points for and structure of the programme are set out in the Section 29.

(3) The programme shall be conducted in accordance with the respective provisions set out in the annex to these Examination Regulations.

(4) <sup>1</sup>If one or more modules from another faculty are offered in the programme, the regulations of the faculty offering the module shall apply to them. <sup>2</sup>The modules concerned are listed in the module descriptions.

### **Section 6: Modules**

(1) The programme is modular in structure.

(2) <sup>1</sup>Modularisation is a process whereby subject matter is grouped into discrete, consecutive

units of related topics that carry credit points (CPs). <sup>2</sup>The module content is designed to be able to be delivered within one semester or two semesters as a rule. <sup>3</sup>Where there are special grounds to do so, a module can also be designed to run for more than two semesters.

(3) <sup>1</sup>Modules usually carry 6, 9, 12, 15 or 18 credit points. <sup>2</sup>Modules worth six credit points can usually be completed within one semester; the other modules usually take a maximum of two semesters to complete.

(4) The following types of module exist:

- a) Core modules, which are designed to deliver basic knowledge;
- b) Advanced modules, which build on the modules specified in a) and are designed to enable the student to develop more advanced knowledge and skills;
- c) Specialisation modules, designed to enable the student to specialise in a certain area;
- d) Supplementary modules, which can be taken at any time during the programme.

(5) Modules can be offered as compulsory or elective modules:

- a) Students must take the compulsory modules; these modules are marked as such (or as "*Pflichtmodul*") in the annexes;
- b) Students must choose elective modules from a list of options and are required to study them as per the provisions set out in the annexes; these modules are marked as such (or as "*Wahlpflichtmodul*") in the annexes.

(6) <sup>1</sup>Provisions concerning the individual modules and the module examinations are set out in the annexes. <sup>2</sup>In particular, these cover the following aspects:

- a) Module code;
- b) Module title;
- c) Conditions of participation in the module;
- d) Module start date;
- e) Module availability (which semester);
- f) Module duration in semesters;
- g) Teaching formats for the module and compulsory participation;
- h) Examination requirements;
- i) Type and duration of the module examination, any examination components and the rules concerning the pass mark and resits;

- j) Language of examination;
- k) Limits on attempts;
- l) Indication of whether the module is compulsory or elective;
- m) Credit points attainable for the module;
- n) Prerequisites for the awarding of credit points;
- o) In the case of elective modules: the share of credit points of the module in the overall credit points available for the elective area in question;
- p) Weighting of the module mark in relation to the overall mark.

<sup>3</sup>If a module and its examinations are not offered during the next semester, another examination date must be offered during the current or next semester. <sup>4</sup>The registration deadlines of this date must allow students who did not pass the examination on the first date to register for the second date. <sup>5</sup>The second date must be chosen promptly in accordance with Clause 4, at latest during the next semester. <sup>6</sup>The provisions of Clauses 3 to 5 shall apply only to modules which are concluded with an examination in accordance with Section 12 (3) a to c.

(7) <sup>1</sup>Modules usually finish with one examination. <sup>2</sup>In the case of modules carrying six credit points, the module examination consists of one component. <sup>3</sup>The module examination for modules carrying nine credit points can consist of two components. <sup>4</sup>In the case of modules carrying 12, 15 or 18 credit points, the module examination can consist of a maximum of three examination components. <sup>5</sup>Individual modules can also be completed without an examination. <sup>6</sup>The rules concerning this shall be set out in the annexes.

(8) If a module examination consists of several examination components, these are usually different types or forms of examination as described in Section 12 (2) to (6).

(9) <sup>1</sup>Prerequisites may be defined for participation in a module or module element. <sup>2</sup>The prerequisites are specified in the annex.

## **Section 7: Credit point system and general criteria for the awarding of credit points**

(1) <sup>1</sup>Students receive credit points ("CPs", or "*Leistungspunkte (LP)*" in German) as evidence of successful participation in modules. <sup>2</sup>Credit points are calculated based on the anticipated student workload for the module and are a quantitative indicator of the total workload for the programme. <sup>3</sup>They include both the time spent in class and on preparing for and following up classes (i.e. for hours of attendance and self-study), revision for examinations, examinations themselves, including the thesis and final examination (of the course) as well as study time and, where appropriate, practical components. <sup>4</sup>Credit points are equivalent to the credits awarded in the European Credit Transfer and Accumulation System. <sup>5</sup>One credit point corresponds to an average workload of around 30 hours. <sup>6</sup>As

a rule, students are required to attain 60 credit points per year of study.

(2) <sup>1</sup>Credit points are awarded when the students can show that they have completed all of the coursework and passed all of the examinations required for the module in question. <sup>2</sup>Section 48 (5) HG shall apply in relation to the accumulation of credit points during academic leave. <sup>3</sup>Notwithstanding Section 48 (5) HG, coursework conducted and examinations taken on non-completed modules may be shown on the transcript of records.

(3) The same course may not award credit points multiple times for different modules in a programme or different areas of study.

### **Section 8: Studium Integrale**

(1) <sup>1</sup>The “Studium Integrale” (SI) is an interdisciplinary component of the programme. <sup>2</sup>Designed to enhance employability, it can be academic and scientific in content and/or cover professional subject matter.

(2) The Studium Integrale is intended to foster and impart skills that go beyond specific subject-based knowledge or that concern basic academic and personal traits, i.e. scientific inquisitiveness, systematic and analytical thinking, ability to deal with complexity, a solution-oriented approach and other skills, such as team skills and foreign languages.

(3) <sup>1</sup>The Studium Integrale courses are run by the Faculties, the Professional Center as well as by the International Office of the University of Cologne. <sup>2</sup>Students are not permitted to attend Studium Integrale courses offered on their programme or in their subject that are designed only for students in other programmes.

(4) <sup>1</sup>The Studium Integrale carries 12 credit points and formally counts as a module. <sup>2</sup>Notwithstanding Section 6 (2), the courses can be delivered and studied at any time during the programme. <sup>3</sup>Further provisions shall be specified by the Examination Board. <sup>4</sup>There is no restriction on the number of attempts possible for Studium Integrale examinations. <sup>5</sup>No mark is awarded for the module. <sup>6</sup>If the assessment of an examination or the booking of participation in a course has not yet been entered in the campus management system at the time when the successful completion of the course is determined in accordance with Section 27 (1) Clause 1, the registration for the examination or participation shall be cancelled ex officio unless the student objects within a period of two weeks after receipt of the notification of the successful completion of the examination procedure.

(5) <sup>1</sup>Periods of training abroad and work experience can be credited in the Studium Integrale. <sup>2</sup>The credit transfer criteria are specified by the Examination Board, taking into account the minimum requirements and rules concerning credit transfers, which are set out in the annexes.

(6) <sup>1</sup>The students themselves are responsible for planning and completing their Studium Integrale. <sup>2</sup>The Faculties and the Professional Center as well as the International Office of the University of Cologne offer an advisory service to assist students in their choices.



(7) In the event of a student moving to a different programme, any credit gained in the Studium Integrale is transferred to the Studium Integrale on the new programme, subject to the provisions of (3) above.

## Section 9: Courses

(1) The courses are usually delivered in one of the following formats:

a) Lecture: A coherent session in which basic and specialist knowledge and methods are presented and taught to students, usually in classes that take place at regular intervals throughout the semester.

b) Seminar: Discourse on fundamental or more advanced issues.

c) Exercise: A course that accompanies lectures or seminars. It involves discussion of tasks and independent work to gain a more advanced understanding of course content or work on exercises/experiments with the aim of acquiring and consolidating knowledge.

d) Practical component: Students acquire and consolidate knowledge by performing practical tasks or experiments. Practical components can be conducted within the University (e.g. lab practicals) or outside (e.g. field practicals, internships or teaching placements).

e) Field trip: A class conducted outside the University to enable students to see how aspects of the subject matter they have covered work in real life, to grasp relevant factors/structures based on observation and to practise applying the knowledge they have acquired and/or draw conclusions.

f) Language course: A course in which students acquire and/or deepen knowledge of a foreign language.

g) Project: Action-based, independent work on a complex task or problem in consecutive phases (planning, execution and presentation of results), usually within a previously specified period.

h) Tutorial: This usually accompanies basic courses. Students practise techniques and develop a more advanced understanding of basic knowledge in small groups; the complex content of the main course is explained to them or practical examples are used to illustrate theoretical aspects.

(2) The course formats described in (1) above can be offered in combined form.

(3) <sup>1</sup>If the number of participants on a course has to be limited due to the nature or purpose of the course or for other reasons related to research, artistic development projects, teaching, artistry or patient care, and if the number of applicants exceeds the capacity, the number of participants can be limited in accordance with Section 59 (2) HG. <sup>2</sup>Students who need to attend the course in question at

that particular time in order to progress with their studies must be given priority. <sup>3</sup>All other details shall be specified by the Faculty in separate regulations for each course concerned. <sup>4</sup>As far as resources allow, it shall be ensured that students do not lose any time due to limits on participant numbers. <sup>5</sup>In order to be admitted to examinations related to limited-participation courses, students must have attended the courses upon which the examinations are based.

(4) <sup>1</sup>Admission to an examination or the awarding of credit points may require regular participation in courses as part of modules and their examination. <sup>2</sup>The relevant provisions are set out in the annex. <sup>3</sup>The requirement of regular attendance is only permissible if it is proportionate and the learning objective can only be achieved through regular attendance. <sup>4</sup>As a rule, this is the case if at least one of the following reasons applies:

a) The obligation to demonstrably participate regularly in modules or courses results from the introduction to and practice of academic discourse, which is the primary and formative element and essential learning objective of the module or course. Scientific discourse is characterised by the presentation of scientific questions and argumentation and one's own positioning as well as critical reflection and mutual exchange about what has been presented.

b) The obligation to demonstrably participate regularly in modules or courses results from the didactic design of the course, which, in order to achieve the learning objective, provides for continuously participative, interactive and cooperative teaching and learning formats as well as reflection on the contents and results under guidance.

c) The obligation to provide evidence of regular participation in modules or courses is prescribed by legal provisions.

d) The obligation to provide evidence of regular participation in modules or courses is mandatory for reasons of occupational health and safety and laboratory safety.

e) The obligation to provide evidence of regular participation in modules or teaching events results from the need to acquire practical skills and abilities that cannot be acquired in any other way, and to test, practise and reflect on them under supervision.

f) The obligation to demonstrably participate regularly in modules or teaching events arises from the need to practise sign language or oral or written language skills and abilities as well as their practical linguistic performance and reflection within the framework of communicative and personal interaction under guidance.

g) The obligation to demonstrably participate regularly in modules or teaching events results from the necessity of examining content-relevant objects and contexts in situations and the location- and situation-dependent acquisition of practical or occupationally relevant skills and abilities with the inclusion of non-university learning elements.

<sup>5</sup>As a rule, regular attendance is demonstrable if the number of absences does not exceed 20%. <sup>6</sup>In particular in the case of practical components and field trips, deviations from this

provision may be permitted. <sup>7</sup>Corresponding regulations are stated in the annexes. <sup>8</sup>If attendance is compulsory, absences cannot be compensated by other work. <sup>9</sup>Section 17 (2) to (4) shall remain unaffected. <sup>10</sup>Regular participation in the courses and their preparation and follow-up is recommended.

## **Section 10: Academic advice, programme-specific advice and examination advice**

(1) Legally binding information concerning examinations is supplied by the Chair of the Examination Board, his or her deputy, the manager of the relevant Examination Office or his or her deputy.

(2) <sup>1</sup>The University of Cologne has a Student Advisory and Counselling Centre (*Zentrale Studienberatung*), which provides general advice for students, particularly with regard to study options and programme requirements. <sup>2</sup>There are also Faculty-wide advisory services for general academic advice. <sup>3</sup>The Teacher Education Advisory Centre (*Beratungszentrum des Zentrums für LehrerInnenbildung*) is also available to provide general academic advice on the teacher education programme.

(3) <sup>1</sup>Programme-specific advice is provided during the designated times by the University's associated teaching staff involved in the teaching on the programme. <sup>2</sup>The designated times shall be announced by means of notices in the institutes and on the Internet. <sup>3</sup>Students are recommended to take advantage of the one-to-one advice sessions.

(4) The students' union executive committee (*Allgemeine Studierendenausschuss, AstA*) and the Faculty of Management, Economics and Social Sciences' student council (*Fachschaft*) offer advice on general questions concerning students' organisation of their studies.

(5) <sup>1</sup>For the special questions that international students have and for students preparing to study abroad, there are Faculty-wide advisory services in addition to the International Office (*Akademisches Auslandsamt*) of the University of Cologne. <sup>2</sup>There is also a Faculty-wide advisory service for questions concerning credit transfers for examinations taken abroad.

(6) For students suffering personal difficulties due to their studies, the psychosocial counselling service provided by Kölner Studentenwerk can be particularly helpful.

(7) Students with disability or chronic or mental illness can seek advice from the advisory service provided by the University's administration (Inclusion Service Centre) or the representative of students with disabilities or chronic illnesses.

## **Section 11: Credit transfers**

(1) <sup>1</sup>Examinations taken in courses of study at other state or state-recognised institutions of higher education, at state or state-recognised universities of vocational education or in courses of

study at foreign state or state-recognised institutions of higher education shall be recognised on application, provided that there is no substantial difference between the competences attained and the competences to be replaced; an examination of equivalence shall not take place. <sup>2</sup>The same shall apply to degrees awarded on completion of courses of study within the meaning of Clause 1. <sup>3</sup>Recognition within the meaning of Clauses 1 and 2 shall serve the purpose of continuing studies, taking examinations or taking up further studies or admission to doctoral studies.

(2) <sup>1</sup>Upon application, knowledge and qualifications attained by means other than study may be recognised on the basis of documents submitted if such knowledge and qualifications are equivalent in content and level to the examination achievements which they are to replace. <sup>2</sup>Recognition of such non-university achievements in excess of half of the examination achievements to be made shall not be permissible. <sup>3</sup>Pupils who, in the consensual judgement of the school and the University, display special talents may, in individual cases, be admitted to courses and examinations as young students outside the enrolment regulations. <sup>4</sup>Their study and examination achievements shall, on application, be credited to a later course of study. <sup>5</sup>In the context of the Studium Integrale, examination achievements of other institutions can be credited if an agreement is made with the respective institution by the Examination Board. <sup>6</sup>The Examination Board shall regulate the details.

(3) <sup>1</sup>Where credits are to be transferred, the marks shall be transferred and included in the overall mark, provided the marking systems are similar. <sup>2</sup>Where they are not similar, the word “*bestanden*” (passed) will be shown on the transcript. <sup>3</sup>Transferred credits may be marked as such on the transcript of records.

(4) <sup>1</sup>Any requirements completed elsewhere cannot be recognised again if they have already been performed at the University of Cologne. <sup>2</sup>This also applies if this performance has not yet been assessed.

(5) <sup>1</sup>Students are responsible for presenting the documents required for the credit transfer process. <sup>2</sup>Any applications for the recognition of a document must be made in writing. <sup>3</sup>The Chair of the Examination Board decides whether credit will be transferred. <sup>4</sup>As a general rule, representatives of the subject area in question should be consulted prior to the decision as to whether equivalence is proven. <sup>5</sup>In general, a decision must be issued within three months, and the student must be immediately informed by updating the recognition status within the campus management system; any rejection of the recognition of a document must be justified in writing. <sup>6</sup>If a credit transfer application as per (1) above is turned down, the applicant may submit an appeal for the decision to be reviewed by the Rectorate. <sup>7</sup>The Rectorate shall then issue a recommendation as to how the department/institute responsible for deciding whether credit is to be transferred should proceed with the application.

(6) <sup>1</sup>Applications for credit transfers for examinations taken at a higher education institution outside the area to which the Basic Law of Germany (*Grundgesetz*) applies during the student’s studies at the Faculty of Management, Economics and Social Sciences of the University of Cologne must be submitted no later than three months after resuming studies at the Faculty. <sup>2</sup>If the other higher education institution has not issued a transcript of records by this time, the deadline shall be extended to three months after the transcript of records is issued. <sup>3</sup>Applications received after the deadline cannot be considered. <sup>4</sup>The deadlines according to Clauses 1 to 3 do not apply to applications for recognition

of achievements within the framework of the Studium Integrale.

## Section 12: Types of examination

(1) Modules usually finish with one examination, which is oriented towards the learning objectives and learning outcomes defined for the module.

(2) <sup>1</sup>Module examinations can be taken in written, oral, practical or combined form. <sup>2</sup>The form of examination must be suitable to test the learning objectives and learning outcomes conveyed in the module and to prove that the examination candidate has mastered the contents and methods of the module in the essential contexts and can apply the acquired knowledge and skills. <sup>3</sup>The form and duration or workload of the respective examination performance are shown in detail in the annex. <sup>4</sup>Where there are significant reasons to do so, the Chair of the Examination Board can specify a different or additional type of examination if the examiner files a written request to this end.

(3) As a rule, the written examination takes place in the following forms:

a) Written examination: A written examination is a piece of work to be completed under personal supervision or electronic supervision (video supervision), in which assigned tasks are to be completed alone and independently using only the approved aids. The duration of an examination is usually at least 45 and at most 180 minutes and is specified for the respective examination in the annex. Written examinations may be conducted in written or electronic form. Examinations may also be conducted in whole or in part in the form of a multiple-choice procedure in accordance with Section 13.

b) Semester paper: A semester paper is an independent written piece elaborating a given topic. The duration and scope of the semester paper result from the workload of the module, which is shown in the annex. A semester paper in a module with 6 credit points has a scope of 2 credit points, in a module with 9 credit points of 3, in a module with 12 credit points of 4 and in a module with 15 credit points of 5 credit points; one credit point corresponds to an average workload of approximately 30 hours. It must be submitted in written form or in an electronic format specified by the examiner. A declaration with the following wording is to be attached to the semester paper: "I hereby affirm that I have written this paper independently and without the use of other aids than those stated. All passages that have been taken verbatim or in spirit from published and unpublished external writings are marked as such." If both an electronic as well as a paper version are to be submitted, the following sentence shall be added: "I confirm that the submitted print version fully corresponds to the submitted electronic version."

c) A take-home examination is the independent written processing of one or more examination tasks within a given examination time. A take-home examination can be conducted in written or electronic form. The duration and scope of the take-home examination result from the workload of the module, which is listed in the annex. A take-home examination in a module with 6 credit points has a scope of 2 credit points, in a module with 9 credit points

of 3, in a module with 12 credit points of 4 and in a module with 15 credit points of 5 credit points; one credit point corresponds to an average workload of approximately 30 hours.

d) An internship report is a written account and analysis of the tasks completed in an intra- or extra-university internship. An internship report can be carried out in written or electronic form. The duration and scope of the internship report result from the workload of the module, which is shown in the annex. An internship report in a module with 6 credit points has a scope of 3 credit points, in a module with 9 credit points of 4.5, in a module with 12 credit points of 6 and in a module with 15 credit points of 7.5 credit points; one credit point corresponds to an average workload of approximately 30 hours.

e) A portfolio is a collection of several completed tasks in the broadest sense, which serves to document and reflect on the learning process and which is assessed in summary. A portfolio can be carried out in written or electronic form. The duration and scope of the portfolio result from the workload of the module, which is shown in the annex. A portfolio in a module with 6 credit points has a scope of 3 credit points, in a module with 9 credit points of 4.5, in a module with 12 credit points of 6 and in a module with 15 credit points of 7.5 performance points; one credit point corresponds to an average workload of approximately 30 hours.

(4) As a rule, the oral examination takes place in the following forms:

a) Oral examination ("*Mündliche Prüfung*"): In oral examinations, an examination candidate attempts to demonstrate that he or she understands the context of the examination area and is able to place specific questions in this context. Oral examinations are held by at least two examiners or by one examiner in the presence of an expert assessor. As a rule, an oral examination lasts at least 20 and at most 45 minutes per examination candidate and may also be conducted with the aid of electronic communication, if necessary. The duration, essential procedure as well as the subjects and results are to be recorded in a protocol. Examination candidates of the same degree programme shall be allowed to participate in oral examinations as listeners upon request, unless an examination candidate objects. The examiner shall decide on the application in accordance with the number of places available. Participation does not extend to discussion and announcement of the examination result.

b) Presentation ("*Referat*"): A presentation serves to present a given topic or subject matter in a limited amount of time. The examination takes place within the framework of a course in the form of a lecture with the aid of suitable presentation techniques. If necessary, a presentation can also be carried out with the aid of electronic communication. The duration and scope of a presentation result from the workload of the module, which is shown in the annex. A presentation in a module with 6 credit points has a scope of 1 credit point, in a module with 9 credit points of 1.5, in a module with 12 credit points of 2 and in a module with 15 credit points of 2.5 credit points; one credit point corresponds to an average workload of approximately 30 hours.

c) Talk ("*Vortrag*"): In the context of a talk, independently developed aspects or perspectives of a topic area are presented in a limited amount of time with the help of suitable

presentation techniques. If necessary, a talk can also be carried out with the help of electronic communication. The duration and scope of a talk result from the workload of the module, which is shown in the annex. A talk in a module with 6 credit points has a scope of 1 credit point, in a module with 9 credit points of 1.5, in a module with 12 credit points of 2 and in a module with 15 credit points of 2.5 credit points; one credit point corresponds to an average workload of approx. 30 hours.

(5) The main practical forms of examination include setting up and conducting experiments plus examinations that result in a non-text deliverable.

(6) <sup>1</sup>Combined examinations generally comprise different forms of examination which are suitable for assessing the acquisition of different types of competences. <sup>2</sup>As a rule, combined examinations include: workplace-based assessments, simulations, presentations with a written paper, papers with a talk, project work and poster presentations, whereby the following applies:

a) A project work is the independent processing of a task or a problem in a group or by an individual, from the planning and implementation to the documentation of the result in written, oral, electronic or other form. The processing time and scope of a project work result from the workload of the module, which is shown in the annex. A project work in a module with 6 credit points has a scope of 3 credit points, in a module with 9 credit points of 4.5, in a module with 12 credit points of 6 and in a module with 15 credit points of 7.5 credit points; one credit point corresponds to an average workload of approximately 30 hours.

b) A poster presentation is a condensed large-format textual and/or pictorial presentation of scientific research results, methods and findings on a scientific question and can be carried out in written or electronic form. It serves to document and reflect on the learning process and is accompanied by an oral presentation of results and findings. The duration and scope of a poster presentation result from the workload of the module, which is shown in the annex. A poster presentation in a module with 6 credit points has a scope of 1 credit point, in a module with 9 credit points of 1.5, in a module with 12 credit points of 2 and in a module with 15 credit points of 2.5 credit points; one credit point corresponds to an average workload of approximately 30 hours.

(7) Where appropriate and as decided by the examiner, examinations can be conducted as group oral examinations if a clear distinction between, and assessment of, each group member's contribution is possible.

(8) <sup>1</sup>The examiners shall determine whether the specific examination is to be conducted in attendance or in electronic form. <sup>2</sup>The examination candidates are generally informed at the beginning of the course, but at the latest at the beginning of the examination registration phase, that an examination will be conducted in electronic form and whether it will be accompanied by video supervision. <sup>3</sup>In the case of an examination conducted in electronic form, examination candidates shall be given sufficient opportunity before the examination to familiarise themselves with the electronic information and communication systems used in the respective examination. <sup>4</sup>With regard to the provisions of data protection law and the implementation of video proctoring, the provisions of the Regulations

Governing Online Examinations and Video Proctoring of the University of Cologne, as amended, shall apply, with the exception of Section 5 (4) Clauses 1 and 2.

(9) <sup>1</sup>Disruptions in the examination process must be reported immediately to the Chair of the Examination Board or the examiner in writing or by means of an electronic transmission channel provided and announced by the Examination Board on the website of the examination office. <sup>2</sup>The assertion of a claim is excluded at the latest if more than three working days have elapsed since the examination was taken.

### **Section 13: Multiple-choice examinations**

(1) <sup>1</sup>A multiple-choice examination is an examination in which the minimum standard required of the candidate in the examination can only be achieved by marking or indicating the correct or incorrect answers. <sup>2</sup>Multiple-choice examinations or multiple-choice examination questions are only permitted if they are able to prove whether the candidate is proficient in the main content and methods covered in the module and is able to apply the knowledge and skills acquired.

(2) <sup>1</sup>The examination questions must be worded in such a way as to be clear, unambiguous and non-contradictory, and such that they are able to determine whether the candidate possesses the examinable knowledge as per Clause 2 of (1), above. <sup>2</sup>Variations of the same examination questions (and possible answers) are permitted. <sup>3</sup>Points may not be deducted during the completion of an examination task.

(3) <sup>1</sup>If the roles of examiner and exam setter are performed by different individuals – due to how the exam-setting process of the relevant faculty or programme is specifically organised, i.e. the role of examiner is performed by some other party nominated by the examination regulations – then the following (4) to (9) also apply.

(4) <sup>1</sup>The examiner chooses the subject matter to be covered in the examination, formulates the questions, specifies the possible answers and draws up the marking rules and criteria in accordance with (6) below. <sup>2</sup>The pass criteria for the examination must be defined in advance. <sup>3</sup>The examiner shall have the content and form of the questions reviewed by a second examiner prior to the examination.

(5) <sup>1</sup>The examiner can also create a pool of equivalent questions, from which different questions are given to each candidate. <sup>2</sup>In this case, the questions are assigned on a random basis. <sup>3</sup>It must be ensured that the examination questions are equivalent.

(6) <sup>1</sup>Candidates who attain at least 60% of the overall points attainable are deemed to have passed the examination. <sup>2</sup>If the overall average of the points attained in an examination minus 12% of the overall mean is below 60% but higher than 50% of the total number of points possible, the pass threshold shall be calculated in accordance with this flexibility clause. <sup>3</sup>Marking systems that merely define an absolute pass threshold are not permitted.



(7) <sup>1</sup>Examination performance must be marked as follows: if the minimum number of points required to pass the examination has been achieved, the mark is:

very good (“ <i>sehr gut</i> ”)	if at least 75%,
good (“ <i>gut</i> ”)	if at least 50 but less than 75%,
satisfactory (“ <i>befriedigend</i> ”)	if at least 25 but less than 50%,
sufficient (“ <i>ausreichend</i> ”)	if none or less than 25%

of the possible points above the minimum pass mark are attained. <sup>2</sup>When calculating points, any half values shall be rounded in the candidate’s favour. <sup>3</sup>If the candidate does not achieve the minimum number of points required to pass the examination, the mark is “failed” (“*mangelhaft*”) (5.0).

(8) <sup>1</sup>If the marking process reveals an unusual concentration of errors in the answers to specific questions, the examiner shall check the relevant questions immediately and before the examination results are announced to determine whether they fail to meet the requirements set out in (2), Clause 1 above. <sup>2</sup>The questions must be analysed post hoc. <sup>3</sup>Item difficulty and item discrimination indices, reliability and distractor analysis can be used to review the quality of the questions asked. <sup>4</sup>If this check shows individual questions to be flawed, the answers to these questions must be re-marked or excluded when determining the examination result. <sup>5</sup>The number of examination questions to be taken into account when calculating the examination result shall be reduced accordingly. <sup>6</sup>The reduction in the number of examination questions must not be to the detriment of any candidates. <sup>7</sup>If the number of points attainable for the examination questions that are to be eliminated is more than 20% of the total number of attainable points, the entire examination must be repeated. <sup>8</sup>This shall also apply if only part of the examination is multiple choice.

(9) If only part of an examination is multiple choice, this Section (apart from (8) Clauses 7 and 8 above) shall only apply to the multiple-choice part.

#### **Section 14: Language of examination**

<sup>1</sup>As a rule, module examinations and any components thereof shall be conducted in German. <sup>2</sup>If a module is conducted in a foreign language, the examination for that module shall also, as a rule, be conducted in that language and this shall be stated in the annexes.

#### **Section 15: Examination registration and admission**

(1) <sup>1</sup>Admission to a module examination shall be granted if the examination candidate is enrolled in the respective bachelor degree programme at the University of Cologne or at a university with

which a corresponding cooperation agreement exists, or is admitted as a second student, if the examination candidate has registered for the respective module examination in due time in accordance with (4) and, if applicable, fulfils further requirements in accordance with (2) and if there is no reason for refusal in accordance with (3).

(2) <sup>1</sup>Students may be asked to prove that they meet certain requirements before being admitted to a module examination. <sup>2</sup>If these requirements relate to coursework, the coursework requirements are intended to ensure the acquisition of competencies and provide the teaching staff and students with an assessment of the students' learning progress. <sup>3</sup>No mark is awarded for this coursework. <sup>4</sup>If the required coursework requires the students to attend a course without a regular attendance prerequisite as per Section 9 (4), alternative coursework that does not require attendance should be accepted in justified special cases, provided that this alternative coursework facilitates the acquisition of competencies and measures learning outcomes in a manner equivalent to the original coursework. <sup>5</sup>The required coursework usually takes the form of one of the following formats: electronic learning assessments, essays, exercises, assignments, short presentations, write-ups, written tests, research papers and similar formats. <sup>6</sup>The requirements for admission to the respective module examinations are set out in the annexes.

(3) <sup>1</sup>Admission to a module examination shall be denied if the requirements according to (1) and (2) are not fulfilled, if the module examination in the same module or in a recognisable equivalent module has already been passed at the University of Cologne, if a period for repetition has been missed or if it is not possible to take the respective examination according to the provisions of the annex to these regulations. <sup>2</sup>In addition, admission to a module examination shall be denied if the examination candidate has definitively failed an examination required according to the Examination Regulations in the chosen programme at a University within the scope of the Basic Law or if the examination candidate has lost their examination eligibility. <sup>3</sup>Moreover, admission to an examination shall be denied if an examination candidate is on leave of absence pursuant to Section 48 (5) HG, unless one of the exceptional cases specified in Section 48 (5) Clause 4 and Clause 5 HG applies.

(4) <sup>1</sup>Candidates must register for each module examination; they are not entitled to participate in an examination or have their performance marked if they have not registered. <sup>2</sup>As a rule, they must register for module examinations by no later than six weeks before the examination date. <sup>3</sup>Notwithstanding this provision, Section 20 (5) shall apply. <sup>4</sup>Together with the notification, the area of study (core, advanced, specialisation or supplementary area) of the examination must be specified. <sup>5</sup>If the area of study is divided into fields of study or groups, the field of study or group must also be specified. <sup>6</sup>If the field of study or the group of the examination is transferred under the conditions specified in Section 29, the module examinations are also transferred as stipulated in Section 29. <sup>7</sup>If not, any completed examinations are non-transferable.

(5) <sup>1</sup>The examination dates must be announced in an appropriate form when lectures commence for the semester and no later than nine weeks before the examination dates. <sup>2</sup>The examination periods for oral examinations must be announced when lectures commence for the semester; the precise times of the examinations must be announced no later than a fortnight before the examinations. <sup>3</sup>Students who have registered for an examination are entitled to take it during the examination period announced, except in cases of force majeure. <sup>4</sup>Notwithstanding this provision, Section 20 (5)

shall apply.

### **Section 16: De-registration, failure to attend and withdrawal from examinations**

(1) <sup>1</sup>The Chair of the Examination Board shall announce the examination dates and times and the deadlines for de-registering from examinations no later than nine weeks before the respective examination dates in an appropriate form by means of a notice or on the Internet. <sup>2</sup>Candidates can generally de-register from an examination up to a fortnight before the examination date in question without having to state their reasons.

(2) <sup>1</sup>If an examination candidate does not take part in a module examination set in terms of time and place without a valid reason or withdraws from the module examination without a valid reason after it has begun, the examination performance shall be deemed to have been assessed as “failed (5.0)” or “not passed”. <sup>2</sup>The same applies if an examination performance is not completed within the specified processing time. <sup>3</sup>If an examination is conducted electronically, the examination performance shall only be deemed to have been completed if the electronic transmission to the competent body has been fully completed by the end of the processing time. <sup>4</sup>Section 19 (1) shall apply accordingly.

(3) <sup>1</sup>If an examination candidate fails to take part in an examination or withdraws from the examination after it has begun, the Chair of the Examination Board may, if there are good reasons, refrain from marking the examination performance as “failed (5.0)” or “not passed”. <sup>2</sup>The reasons asserted for the failure to attend or the withdrawal must be notified to the Chair of the Examination Board immediately in writing or by an electronic means of transmission made available and announced by the Examination Board on the website of the examination office and such reasons must be proven. <sup>3</sup>The same applies if an examination performance is not completed within the specified processing time. <sup>4</sup>In the event of illness, a medical certificate must be submitted. <sup>5</sup>In cases of doubt, the submission of a medical certificate from a medical examiner may be requested; the costs shall be borne by the University. <sup>6</sup>The same applies in the case of proven illness of a child to be cared for by an examination candidate or a spouse to be cared for, a registered partner, a relative in the direct line and a relative by marriage in the first degree. <sup>7</sup>The Examination Board shall regulate all further matters.

### **Section 17: Special examination arrangements and protective provisions**

(1) The special needs of students with disabilities, chronic or mental illnesses and students who are subject to maternity protection regulations shall be taken into account in order to ensure equal opportunities for them.

(2) <sup>1</sup>If a candidate proves that they are not able to take part in an examination to the extent provided for due to prolonged or permanent illness or disability, they will be granted special arrangements for disadvantages upon written request to the Chair of the Examination Board. <sup>2</sup>They may be

asked to present a certificate from a medical specialist. <sup>3</sup>This shall also apply accordingly to deadlines and to compulsory attendance of courses and any required coursework.

(3) <sup>1</sup>Use of the protective provisions in accordance with the provisions of maternity protection law and in accordance with the deadlines of the Federal Parental Benefit and Parental Leave Act (*Bundeseltern- und Elternzeitgesetz*) in the currently valid version shall be made possible upon application; in these cases, module examinations may be taken despite leave of absence. <sup>2</sup>If a candidate can prove that they will not be able to take part in an examination in the intended form or to the intended extent due to maternity protection regulations, they shall be granted special arrangements for disadvantages upon written application to the Chair of the Examination Board. <sup>3</sup>They may be asked to present a certificate from a medical specialist. <sup>4</sup>This shall also apply accordingly to deadlines and to compulsory attendance of courses and any required coursework. <sup>5</sup>The application shall be submitted immediately after the requirements have been met.

(4) <sup>1</sup>Special needs arising when a spouse, registered partner, relative by direct descent or an immediate relative by marriage requires care must be taken into due consideration, especially with regard to deadlines, scheduling, examination dates and compulsory course attendance. <sup>2</sup>Applications for such arrangements must be filed as soon as the special needs arise.

(5) <sup>1</sup>Candidates must provide full reasons and suitable evidence to support applications of the type described in (1) to (4). <sup>2</sup>Applications must be filed with the Chair of the Examination Board within a reasonable amount of time before the examination. <sup>3</sup>As far as a change in the clinical condition or disability is not to be expected, the special arrangements for disadvantages shall extend to all examinations to be taken in the programme and the acquisition of participation requirements.

## Section 18: Assessment of examinations

(1) <sup>1</sup>Examinations shall be marked with a grade or the words “passed” (“*bestanden*”) or “not passed” (“*nicht bestanden*”) by the examiner. <sup>2</sup>The following marks must be used:

1 = very good (“*sehr gut*”): excellent performance;

2 = good (“*gut*”): performance significantly higher than average requirements;

3 = satisfactory (“*befriedigend*”): performance in line with average requirements;

4 = sufficient (“*ausreichend*”): performance meets requirements despite some faults;

5 = failed (“*mangelhaft*”): performance does not meet requirements due to major faults.

<sup>3</sup>The marks can be increased or decreased by increments of 0.3 to provide a more differentiated assessment; the grades 4.3 and 4.7 are not permitted. <sup>4</sup>The grades 1.0, 1.3, 1.7, 2.0, 2.3, 2.7, 3.0, 3.3, 3.7, 4.0 and 5.0 are permissible. <sup>5</sup>Candidates who receive a mark of “sufficient (4.0)” or better or a “passed” are deemed to have passed the examination.

(2) <sup>1</sup>Any end-of-programme examinations of the programme governed by these regulations, any repeated examinations involving the possibility of a definitive failure, and the bachelor thesis shall be marked by two examiners appointed by the Chair of the Examination Board. <sup>2</sup>If an examination is assessed by two examiners, the mark is calculated as the arithmetic mean of the two examiners' marks. <sup>3</sup>Where there are two examiners and their individual marks are more than 1.0 mark apart or only one of them gives a "failed (5.0)", the Chair of the Examination Board shall appoint a third examiner. <sup>4</sup>In this case, the mark shall be calculated as the arithmetic mean of the three examiners' marks; a mark of "sufficient (4.0)" shall be given, irrespective of the arithmetic mean, if at least two of the examiners' marks are "sufficient (4.0)" or better. <sup>5</sup>If at least two of the examiners' marks are "failed (5.0)", the examination shall be marked "failed (5.0)" irrespective of the arithmetic mean.

(3) If an examination that can only be marked "passed" or "failed" is marked differently by two different examiners, a third examiner shall be appointed to decide the final mark.

(4) <sup>1</sup>In the case of combined examinations of the type described in Section 12 (6), the student's performance shall be marked as a whole. <sup>2</sup>The mark given shall be in accordance with (1) above.

(5) Where written, oral, practical or combined examination types are combined with one another for module examinations, the examination shall be marked in accordance with the provisions set out in the annexes.

(6) <sup>1</sup>The marks for the core, advanced, supplementary and specialisation modules shall be calculated as the weighted arithmetic mean of the respective module marks in accordance with the weighting scheme shown in the annex. <sup>2</sup>In deviation from Clause 1, the marks for the modules listed in the following annexes are calculated as the weighted arithmetic mean of the respective module mark groups; in this case, the group marks are calculated as the weighted arithmetic mean of the respective module marks according to the weighting scheme shown in the annex: "Annex 3: Specialisation modules". <sup>3</sup>If certain module examinations are not marked, the mark of the corresponding field of study or group considered in Clause 2 shall be calculated as the average of the marked examinations; in this case, the weighting deviates from the weighting specified in the annexes. <sup>4</sup>If all examinations are not marked, the mark of the corresponding field of study or group considered in Clause 2 shall not be calculated. Instead, the field of study or group considered in Clause 2 shall be marked as passed, provided that all prerequisites of the field of study or group were acquired in the case of Clause 2. <sup>5</sup>If every module examination required to successfully complete a field of study or group has not yet been completed or passed, a provisional mark for this field of study or group shall be calculated as the arithmetic mean of all marked module examinations.

(7) <sup>1</sup>The overall mark for the degree shall be calculated as the weighted arithmetic mean of the marks for the various modules and the mark for the bachelor thesis.

<sup>2</sup>The marks are weighted as follows to make up the overall mark:

- a) Mark for core and advanced modules: 102 of 168 CPs
- b) Mark for supplementary modules: 24 of 168 CPs

c) Mark for specialisation modules: 30 of 168 CPs

d) Mark for bachelor thesis: 12 of 168 CPs.

<sup>3</sup>If credits are transferred as per Section 11 (3) Clause 2 in such a way that there is no mark for a particular subject area, this subject area shall not be included in the calculation of the overall mark; the total number of credit points to be accumulated shall be reduced accordingly. <sup>4</sup>If more modules are completed than specified in these Examination Regulations, the passed examinations from the compulsory modules and the passed examinations from compulsory elective and elective modules are used to calculate the overall grade in chronological order according to the examination date stored in the campus management system. <sup>5</sup>The remaining passed compulsory elective and elective modules are shown as additional examinations on the transcript of records.

(8) <sup>1</sup>Marks shall be given to one decimal place and used in this form for any further calculations; any other decimal places shall be discarded without being rounded. <sup>2</sup>On the transcript of records, the overall mark for the degree shall be given to one decimal place. <sup>3</sup>Any further decimal places shall be discarded without being rounded.

(9) The marks based on arithmetic means are as follows:

1.0 to 1.5 = very good ("*sehr gut*")

1.6 to 2.5 = good ("*gut*")

2.6 to 3.5 = satisfactory ("*befriedigend*")

3.6 to 4.0 = sufficient ("*ausreichend*")

Marks of more than 4.0 correspond to a "failed".

(10) If all of the marks as described in (7) above are "very good", the overall mark given is "distinction" ("*mit Auszeichnung*").

## **Section 19: Notification of examination results**

(1) <sup>1</sup>As a rule, examination candidates shall be notified of the marks for their examinations within eight weeks by means of a public posting on the campus management system. <sup>2</sup>Where examiners choose a different method of notification, their reasons for doing so must be documented. <sup>3</sup>In the case of oral examinations, candidates shall be notified of their mark immediately after the examination.

(2) Candidates who have failed an examination at the final attempt shall be informed by means of a formal written notification sent to the postal address stored in the campus management system; the written notification shall include information on how to appeal.

## Section 20: Resits of module examinations

(1) <sup>1</sup>Students can resit module examinations they have failed. <sup>2</sup>Notwithstanding the provisions set out in Section 21 (16), the number of examination attempts per module shall be limited to three. <sup>3</sup>More specific details are given in the annexes. <sup>4</sup>In addition, students shall be granted a further three resit attempts in total for the bachelor programme modules, for which the number of examination attempts is limited to three. <sup>5</sup>Candidates who have accumulated at least 140 credit points shall be granted a further additional attempt. <sup>6</sup>If a candidate fails an examination in the three additional attempts and the extra attempt described in Clause 5, they are deemed to have failed the entire programme at the final attempt with the consequence of de-registration from the course of studies. <sup>7</sup>The additional examination attempts in Clauses 4 and 5 do not apply to repetitions of the bachelor thesis.

(2) <sup>1</sup>If an examination candidate has failed a module examination for which the number of examination attempts according to (1) Clause 2 is limited to three for the third time, the Chair of the Examination Board shall inform the candidate in writing whether there is the possibility of claiming additional examination attempts for this examination according to (1) Clauses 4 and 5. <sup>2</sup>If the examination candidate is subsequently entitled to another additional examination attempt according to (1) Clauses 4 and 5, they shall receive a separate notification of this.

(3) Additional examination attempts can only be granted for a module examination if none of the first three attempts in the respective module were failed due to cheating or an offence as described in Section 24.

(4) <sup>1</sup>Before retaking an examination for the first time as per (1), candidates are strongly advised to take advantage of the guidance opportunities available to them. <sup>2</sup>To this end, the examination candidate shall receive a written invitation to seek advice, which also includes information about the advisory services that are available.

(5) <sup>1</sup>If a module examination consists of several components, the candidate must attain a pass ("*bestanden*") or at least a "sufficient" ("*ausreichend*", 4.0) mark in each of them. <sup>2</sup>All module examination components marked "failed" ("*mangelhaft*", (5.0) or "*nicht bestanden*") must be retaken. <sup>3</sup>(1) to (4) above shall apply accordingly to examination components.

(6) If requested by the examiner, the Chair of the Examination Board can specify a different type of examination or examination format for the resits.

(7) In the case of repeat examinations, the deadlines pursuant to Section 15 (4) and (5) may be deviated from in justified cases.

(8) The provisions concerning repetition of bachelor theses are set out in Section 21 (16).

(9) Students cannot resit module examinations that they have already passed.

## Section 21: Bachelor thesis module

(1) <sup>1</sup>The bachelor thesis is a form of examination in which the candidate writes a paper independently to show that they are capable of conducting academic work concerning and reflecting on a specific problem related to the subject matter covered in the programme, applying the necessary methods and within a specified period.

(2) <sup>1</sup>Students write their bachelor thesis during the programme. <sup>2</sup>12 CPs are awarded for the bachelor thesis. <sup>3</sup>A student who has acquired 100 CPs is permitted to apply to prepare the bachelor thesis.

(3) <sup>1</sup>The topic of the bachelor thesis must clearly relate to health economics. <sup>2</sup>The number of bachelor thesis topics to be issued can be limited for the individual examiner with the aim of realising an even distribution of bachelor theses according to subject and examiner.

(4) <sup>1</sup>Group bachelor theses can be permitted if a clear distinction between, and assessment of, each candidate's contribution is possible. <sup>2</sup>Objective criteria that make a clear distinction possible, such as sections, page numbers or topics, are used to indicate which student made which contribution. <sup>3</sup>The total workload required of each group member must exceed the requirements for individual bachelor theses to an appropriate extent. <sup>4</sup>The difficulty and content of a group thesis must meet the same requirements as for theses undertaken individually and independently. <sup>5</sup>The contribution made by each individual must meet the requirements for bachelor theses.

(5) <sup>1</sup>The Chair of the Examination Board shall appoint an examiner in accordance with Section 23 (3) and commission them to set the topic of the bachelor thesis (topic setter). In addition, they shall appoint another examiner for a second assessment (second assessor). <sup>2</sup>The examination candidate has the right to propose the topic setter. <sup>3</sup>The topic, the two examiners and the deadline for submission shall be posted in the campus management system after the decision by the Chair of the Examination Board.

(6) <sup>1</sup>The processing time for the bachelor thesis shall be a maximum of twelve weeks. <sup>2</sup>The processing time begins on the day on which the topic setter, who has been effectively appointed in accordance with (5), submits the topic to be processed and informs the examination candidate of this date; this date is communicated to the Chair of the Examination Board by the topic setter in writing or electronically. <sup>3</sup>The topic of the bachelor thesis must be determined in terms of content and scope in such a way that it can be prepared within the deadline according to Clause 1. <sup>4</sup>Upon a justified written request or by an electronic transmission channel provided and announced by the Examination Board on the website of the examination office, the Chair of the Examination Board may grant a subsequent grace period of a maximum of four weeks in justified individual cases; the request must be submitted to the examination office in good time before the deadline expires. <sup>5</sup>Such an individual case shall be deemed to exist in particular if there is a considerable restriction of the ability to perform which is relevant to the examination and which must be proven. <sup>6</sup>The decision on the existence of a justified individual case shall be made by the Chair of the Examination Board. <sup>7</sup>If there is an important reason, an application for withdrawal from the examination performance in the bachelor thesis module can be submitted to the Chair in writing or via an electronic transmission channel provided and announced by the Examination Board on the website of the examination office; the application must be submitted



to the examination office in good time before the deadline for submission. <sup>8</sup>An important reason of this kind exists in particular if a justified individual case according to Clause 5 prevents preparation of the bachelor thesis for more than two months and this is proven. <sup>9</sup>When submitting the thesis again, a new topic must be prepared.

(7) <sup>1</sup>The bachelor thesis must be written in German. <sup>2</sup>Alternatively, candidates can apply for permission from the Chair of the Examination Board to write the bachelor thesis in a different language. This permission requires the approval of the topic setter. Furthermore, it must be ensured that the thesis can be assessed.

(8) <sup>1</sup>The provisions of good academic practice shall apply to the preparation of the bachelor thesis. <sup>2</sup>The bachelor thesis may not have been submitted in the same or similar form as part of another examination. <sup>3</sup>If this provision is violated, the thesis shall be deemed to have been assessed as “failed (5.0)”. <sup>4</sup>The decision shall be made by the Examination Board.

(9) <sup>1</sup>The bachelor thesis shall contain a list of the aids used. <sup>2</sup>In addition, it must be accompanied by a signed declaration with the following wording: “I hereby declare in lieu of an oath that I have written this thesis independently and without the use of aids other than those indicated. All passages taken verbatim or in spirit from published and unpublished external writings are marked as such. The work has not yet been submitted in the same or a similar form in the context of another examination. I confirm that the submitted electronic version corresponds completely to the submitted printed version.” <sup>4</sup>If, according to the decision of the Examination Board, the bachelor thesis is to be submitted exclusively in electronic form to the examination office in accordance with (10) Clause 2, the last sentence of the declaration shall be omitted. <sup>4</sup>If the affirmation in lieu of oath is made falsely, the legal consequences according to the Criminal Code may apply.

(10) <sup>1</sup>The bachelor thesis must be submitted to the examination office in due time in duplicate – a printed and hard-bound copy as well as an electronic version in portable document format (PDF) protected against unintentional alteration; the date of submission must be documented. <sup>2</sup>The Examination Board may determine that, in deviation from Clause 1, the bachelor thesis is to be submitted to the examination office exclusively in an electronic version in portable document format (PDF) protected against unintentional alteration. <sup>3</sup>If the bachelor thesis is not submitted in due time, it shall be deemed to have been assessed as “failed (5.0)”. <sup>4</sup>When submitting the bachelor thesis, the examination candidate must be enrolled in the corresponding degree programme or be admitted as a second student.

(11) <sup>1</sup>As a rule, examination candidates shall be notified of the mark for their bachelor thesis within eight weeks of the date on which they submitted it; this notification takes the form of a public posting on the campus management system. <sup>2</sup>Where examiners choose a different method of notification, their reasons for doing so must be documented.

(12) <sup>1</sup>Candidates who receive a “failed (5.0)” for their bachelor thesis can repeat the thesis component once with a new topic. <sup>2</sup>They must register for the second attempt within six months of the result of the first attempt being announced. <sup>3</sup>Candidates who fail to comply with this deadline are deemed to have failed the bachelor degree at the final attempt unless they prove that the reasons for

their failure to comply were beyond their control. <sup>4</sup>The provisions of Section 17 shall remain unaffected. <sup>5</sup>Second repeats of failed bachelor thesis components and repeats of passed bachelor thesis components are not permitted. <sup>6</sup>If a candidate fails their first repetition of the bachelor thesis, they shall definitively fail the programme.

(13) <sup>1</sup>Candidates who have failed the bachelor thesis shall be informed by means of a formal written notification sent to the postal address stored in the campus management system. <sup>2</sup>The written notification shall include information on how to appeal.

## Section 22: Examination Board

(1) The Faculty of Management, Economics and Social Sciences and the Faculty of Medicine shall elect an Examination Board for the organisation of the examinations of the degree programmes regulated by these Examination Regulations and the tasks assigned by these Examination Regulations.

(2) The Examination Board shall consist of the following ten members, who shall have voting rights:

1. the Chair, from among the core teaching staff ("*Hochschullehrerinnen und Hochschullehrer*");
2. five further members from among the core teaching staff;
3. one member from among the associated teaching staff ("*akademische Mitarbeiterinnen und Mitarbeiter*");
4. one member from among the technical and administrative staff;
5. two members from among the student body.

(3) The Examination Board shall elect a Deputy Chair from among the members specified in (3) No. 2 above.

(4) <sup>1</sup>For the members according to (2) Nos. 2 to 5, one deputy each shall be elected. <sup>2</sup>The deputies shall act if the members from the corresponding group are prevented from attending.

(5) <sup>1</sup>The Chair can invite other persons, particularly deputy members, to the Examination Board meetings if this appears useful and if the majority of the voting members present are not opposed.

(6) <sup>1</sup>The members and their deputies as per (2) Nos. 2 to 5 shall be elected in separate groups by the Faculty Councils. <sup>2</sup>The groups shall be entitled to make nominations. <sup>3</sup>The members in the core teaching staff ("*Hochschullehrerinnen und Hochschullehrer*") group, the associated teaching staff ("*akademische Mitarbeiterinnen und Mitarbeiter*") and the technical and administrative employee group shall be elected for three years, the members in the student group for one year. <sup>4</sup>Re-election

is permitted. <sup>5</sup>Deputy members' appointments shall end when the appointment of the member they represent ends. <sup>6</sup>Should a member or a deputy as per (2) Nos. 2 to 5 leave the Examination Board before the end of their appointment, a successor shall be elected for the remainder of their appointment.

(7) <sup>1</sup>The Examination Board shall constitute a quorum if the Chair or the Deputy Chair and at least five other voting members are present. <sup>2</sup>If the Deputy Chair chairs a meeting because the Chair is prevented from attending, the Deputy Chair shall attend the meeting as a voting member in accordance with (4). <sup>3</sup>The Examination Board shall decide by a simple majority of those present and entitled to vote. <sup>4</sup>In the event of a tie, the Chair shall have the casting vote. <sup>5</sup>The members of the Examination Board from the group of employees in technology and administration shall only have the right to vote in matters of teaching insofar as they perform corresponding functions in the University and have special experience in the respective area; such experience shall be assumed in particular if the employee meets the status of an examiner pursuant to Section 65 (1) Clause 2 HG. <sup>6</sup>The Chair shall decide on the existence of these requirements at the beginning of the member's term of office and, in cases of doubt, the Rectorate. <sup>7</sup>Members from the student group shall only vote on pedagogical-scientific decisions if they meet the status of examiner according to Section 65 (1) Clause 2 HG.

(8) <sup>1</sup>The Examination Board shall ensure that the provisions of these Examination Regulations and the annexes are complied with. <sup>2</sup>Unless otherwise specified in these Examination Regulations, the Examination Board shall decide what action is to be taken, in particular, with regard to objections to decisions taken in the examination process. <sup>3</sup>The Examination Board shall report regularly to the Faculties, at least once a year, on developments regarding the bachelor degrees and how long students take to complete the programmes; it shall present breakdowns of the overall marks and put forward proposals concerning possible amendments to these Examination Regulations. <sup>4</sup>Without prejudice to the examiners' powers, the Examination Board shall specify what aids are allowed to be used in examinations and shall inform students accordingly by means of a notice.

(9) <sup>1</sup>The meetings of the Examination Board shall not be public and shall generally be held in person. <sup>2</sup>The Chair may decide that the meeting shall be held by electronic communication. <sup>3</sup>The decision shall become invalid if half of the members of the Examination Board object to it before the meeting. <sup>4</sup>In the case of meetings by electronic communication, the Chair may also decide that resolutions shall be passed by electronic communication; this may be deviated from by a resolution of the Examination Board. <sup>5</sup>Paragraph (7) Clause 1 shall apply to meetings by electronic communication with the proviso that attendance means participation in the meeting. <sup>6</sup>Resolutions may also be passed by circulation, provided no member objects. <sup>7</sup>The members and their deputies shall be bound by official secrecy. <sup>8</sup>If they are not in public service, they shall be bound to secrecy by the Chair.

(10) <sup>1</sup>The members of the Examination Board and their deputies are entitled to attend examinations. <sup>2</sup>They are not entitled to be present during the discussion of the mark to be awarded.

(11) <sup>1</sup>The Examination Board can use the services of the examination office of the Faculty of Management, Economics and Social Services to assist in the organisation of examinations. <sup>2</sup>The manager or deputy manager of the joint examination office shall be consulted at all of the Examination Board's meetings.

(12) <sup>1</sup>The Chair of the Examination Board, or the Deputy Chair if the Chair is prevented from doing so, shall represent the Examination Board, convene the meetings of the Examination Board, chair them and implement the resolutions passed there. <sup>2</sup>The Examination Board may delegate the performance of its duties to the Chair for all regular cases. <sup>3</sup>In case of urgency, the Chair may hold a vote by circular resolution. <sup>4</sup>The Chair may take decisions that cannot be postponed instead of the Examination Board; the Examination Board shall be informed immediately; the latter may revoke the decision; rights of third parties that have already arisen shall remain unaffected. <sup>5</sup>Decisions on appeals shall be reserved for the Examination Board. <sup>6</sup>A protocol shall be drawn up for each meeting of the Examination Board.

(13) The Chair of the Examination Board shall announce by means of a legally binding notice or other suitable means any directives, important dates and deadlines and any other information from the Examination Board that does not concern specific individuals only.

### **Section 23: Examiners, observers and electronic plagiarism checks**

(1) <sup>1</sup>Examiners shall be appointed from among the University's core teaching staff and the persons specified in Section 65 (1) HG. <sup>2</sup>Examinations can only be marked by persons who themselves have at least the qualification to which the examination leads or an equivalent qualification. <sup>3</sup>Examiners who have resigned, been relieved of their duties or retired may be reappointed as examiners for a period of one year after the end of the semester in which they left the University of Cologne. <sup>4</sup>Only persons who have obtained a relevant degree of at least bachelor standard or an equivalent qualification may be appointed as observers.

(2) <sup>1</sup>The Examination Board shall appoint the examiners and the observers. <sup>2</sup>It may delegate the appointment to the Chair. <sup>3</sup>The appointment of examiners and observers shall be recorded in the records. <sup>4</sup>Notwithstanding the provisions in Clauses 1 and 2, the following shall apply: a lecturer shall be the examiner for the course for which they are responsible and which they conduct, unless the Examination Board or the Chair appoints a different examiner.

(3) <sup>1</sup>The Chair of the Examination Board shall appoint the examiners responsible for the bachelor thesis module from among the professors, adjunct professors and honorary professors, junior professors and private lecturers of the Faculties and from among other examiners who are members or associates of the Faculties and meet the requirements laid down in Section 65 (1) HG. <sup>2</sup>Examiners who have resigned, been relieved of their duties or retired may be reappointed as examiners for the bachelor thesis for a period of one year after the end of the semester in which they resigned from the University of Cologne. <sup>3</sup>The Examination Board can extend this period on request if there are good reasons to do so. <sup>4</sup>It can assign this decision to the Chair. <sup>5</sup>Bachelor thesis examiner appointments must be documented.

(4) <sup>1</sup>The examiners shall specify the working materials and aids permitted for the examinations they conduct and shall make these known in good time and in a suitable manner, at the latest when the examination date for the respective examination is announced.

(5) <sup>1</sup>If so decided by the Examination Board in a resolution that is then announced, written examination papers can be checked electronically to determine whether they include any copied text that has not been marked as such. <sup>2</sup>In these cases, the candidates must also submit their examination papers in electronic form and declare that the written and electronic versions are the same. <sup>3</sup>The electronic checking described in Clause 1 includes the use of written examination papers for comparison with the written examination papers of third parties to determine whether their content is related. <sup>4</sup>The decision described in Clause 1 must specify:

- a) which examinations can be checked electronically;
- b) whether the Examination Board should engage the services of an administrative assistant for this purpose and who should take on this role;
- c) the file format and the place and method of submission of the electronic version;
- d) the criteria for selecting the examinations to be checked, and;
- e) how long the electronic versions may be used.

<sup>5</sup>Notwithstanding a) above, electronic checking shall always be permitted if there are good grounds to suspect the candidate has cheated. <sup>6</sup>Notwithstanding e) above, the period of use shall end no later than the point at which the archiving period for the examination file ends as per Section 26 (4). <sup>7</sup>Any other use of the electronic version by examiners or the Examination Board is not permitted without the candidate's consent. <sup>8</sup>The result of an electronic check may only be used as the basis of a decision to fail a student if it has been confirmed by the examiners responsible for the examination.

(6) <sup>1</sup>Examiners and observers shall not be influenced by third parties in their examination work. <sup>2</sup>They shall be bound by a confidentiality obligation. <sup>3</sup>Those of them who are not civil servants shall be sworn to secrecy by the Chair of the Examination Board.

## **Section 24: Cheating and offences**

1) <sup>1</sup>If an examination candidate attempts to influence the assessment of an examination performance by deception for their own or another's advantage, if they carry aids that are not permitted in the examination or if they commit academic misconduct in the performance of the examination, they shall be deemed to have committed an act of cheating. <sup>2</sup>Unauthorised aids may be confiscated by the invigilators after completion of the examination, which the examination candidate is entitled to terminate, with the consent of the examination candidate to preserve evidence.

(2) <sup>1</sup>Depending on the seriousness of the act of cheating under (1), the Examination Board shall pronounce one of the following sanctions against the examination candidate:

- a) a warning;
- b) the examination candidate shall be ordered to repeat the examination performance to

which the act of cheating relates;

c) the examination performance to which the act of cheating relates shall be deemed to have been assessed as “failed (5.0)” or “not passed”;

d) the examination to which the act of cheating relates shall be declared definitively failed;

e) the examination candidate is excluded from taking further examinations and their examination eligibility in the degree programme is forfeited.

<sup>2</sup>A serious violation shall be considered in particular in cases of the use of unauthorised aids, the (attempted) influencing of the examiner or, in cases of plagiarism, in which sources are deliberately concealed by reformulating the original texts, rearranging the syntax or the use of synonyms. <sup>3</sup>An especially serious case shall be considered in particular in the case of an elaborate use of technical aids such as Internet-capable mobile phones, in the case of repeated acts of cheating in different examinations, in the case of the organised collaboration of several persons, in the case of the adoption of an entire piece of work by another person as one's own performance, the falsification of academic work or the sabotage of examination work and the research work of others. <sup>4</sup>The sanction chosen shall be noted in the examination file. <sup>5</sup>In the case of combined, inter-faculty or inter-university degree programmes, other examination offices, faculties or universities may be informed of this.

(3) In particular in the event of a reasonable suspicion of plagiarism, the Examination Board may perform additional verifications – including electronic verifications – without the permission of the candidate.

(4) As a consequence of an act of cheating in accordance with (1), the relevant coursework shall be deemed not to have been completed.

(5) <sup>1</sup>Whoever disturbs the taking of an examination may be issued a warning by the respective examiners or invigilators. <sup>2</sup>If the warnings are ineffective or if the disruption is serious, the candidate may be excluded from further performance of the examination. <sup>3</sup>In this case, the Examination Board may assess the examination performance as “failed (5.0)” or “not passed”. <sup>4</sup>The reasons for the exclusion shall be documented.

(6) <sup>1</sup>If a candidate attempts to influence the result of an examination when given access to their marked papers, the mark originally given by the examiner shall continue to apply. <sup>2</sup>In addition, one of the repeat attempts specified in Section 20 (1) Clause 2 shall be forfeited. <sup>3</sup>In extremely serious or repeated cases, the Examination Board can also declare the bachelor degree to have been completely failed.

(7) <sup>1</sup>Prior to a decision by the Examination Board, the examination candidate shall be granted a legal hearing. <sup>2</sup>The examination candidate shall be informed of the decision in writing without delay, the reasons for the decision shall be stated and the candidate shall be informed of the right of appeal.

(8) <sup>1</sup>In addition, offences can be punished in accordance with Section 63 (5) HG. <sup>2</sup>Any person who intentionally attempts to influence the result of an examination for the benefit of another person

shall also be deemed to have acted in breach of the Examination Regulations.

### **Section 25: Invalid examinations and revocation of bachelor degrees**

(1) <sup>1</sup>If a candidate was admitted to an examination despite not meeting the requirements but was not guilty of deceit, and if this does not become known until after the final transcript of records has been presented, this error shall be deemed to have been corrected by the student's passing the examination. <sup>2</sup>If the candidate gained admission to the examination wrongfully and intentionally, the Examination Board shall decide what legal action is to be taken, taking into account the provisions of the Administrative Procedure Act of the Federal State of North Rhine-Westphalia (*Verwaltungsverfahrensgesetz des Landes Nordrhein-Westfalen*, VwVfG NRW).

(2) If an examination candidate has cheated in an examination and this fact only becomes known after the certificate has been issued, the Examination Board may subsequently withdraw the assessment for the examination in which the examination candidate cheated, subject to the conditions of Section 48 VwVfG NRW, and impose a sanction in accordance with Section 24 appropriate to the seriousness of the act of cheating.

(3) Bachelor degrees can be revoked if it becomes apparent that they were obtained deceitfully or if key requirements for the awarding of bachelor degrees were erroneously deemed to have been met.

(4) <sup>1</sup>Candidates must be given the opportunity to make a statement prior to the decisions described in (1) to (3) above being made. <sup>2</sup>Responsibility for the decision lies with the Examination Board, which makes its decision taking into account the provisions of VwVfG NRW. <sup>3</sup>Once five years have passed since the date on the final transcript of records, decisions are no longer possible.

(5) <sup>1</sup>The incorrect final transcript of records and all incorrect attachments must be returned to the University and, where appropriate, new ones issued. <sup>2</sup>If the student is deemed to have failed the entire programme, the Faculties shall revoke the student's degree and demand the return of their certificate.

### **Section 26: Examination file and access to files**

(1) <sup>1</sup>The Examination Board shall keep an examination file for each candidate. <sup>2</sup>In particular, the file shall document the candidate's examination attempts, their examination papers, the examiners' reports on said papers, the examination records, examination results, calculations of marks and copies of the final transcript of records and certificates.

(2) Candidates can enquire about their examination results at any time, provided the necessary arrangements can be made.

(3) <sup>1</sup>Once an examination result has been announced, each candidate or a person authorised by the candidate may, on written request, be granted access to their examination paper for the examination in question and to the report and corrections made by the examiners or, in the case of oral examinations, to the examination record. <sup>2</sup>As part of this access, the candidate or their representative must have the opportunity to make copies or photographs of the documents; any model solutions may not be copied or photographed, since they are not part of the candidate's examination record. <sup>3</sup>All other details regarding the access procedure, including a reasonable deadline for requesting access, shall be specified by the Examination Board. <sup>4</sup>Once the deadline for requesting access has passed, access shall only be granted if the candidate can prove that their failure to comply with the deadline was due to reasons beyond their control. <sup>5</sup>Candidates do not have any further rights of access.

(4) <sup>1</sup>With the exception of the provisions in Clause 2, the examination file shall be kept until the end of the fifth year following exmatriculation from the degree programme and shall be offered to the competent archives after expiry of the deadline; if the archives refuse to accept it, it must be destroyed. <sup>2</sup>Written examination documents shall be offered to the archives two years after the announcement of the assessment, provided no legal dispute is pending; this shall apply accordingly to electronic versions; if the archives refuse to accept them, they must be destroyed. <sup>3</sup>The academic degrees awarded and a catalogue of the final transcripts of records and certificates presented may be recorded in a register until the end of the 50th year after the student finishes the programme; the first half sentence of Clause 1 applies accordingly.

(5) <sup>1</sup>Examination questions, correction notes and examiners' reports of which a student becomes aware may not be passed on to third parties or published if they are protected by copyright. <sup>2</sup>The thesis prepared by a student may only be published with the corresponding consent if a blocking notice has been agreed. <sup>3</sup>This shall be without prejudice to justified interests in legal protection, for example in the form of disclosure to a commissioned lawyer.

## **Section 27: Completion of the programme and documents issued upon completion**

(1) <sup>1</sup>The programme is deemed to have been successfully completed when the candidate has passed all of the required examinations and gained the necessary credit points in accordance with Section 5. <sup>2</sup>Candidates who pass the degree shall be issued with a final transcript of records. <sup>3</sup>The final transcript of records shall be signed by the Chair of the Examination Board and shows the overall mark awarded for the bachelor degree, the marks awarded for each area of study, as well as the mark and title of the bachelor thesis, and the name of the topic setter. <sup>4</sup>Marks shall be stated in both words and numbers. <sup>5</sup>The date on the transcript is the date on which the last examination was taken or the credit for an examination was transferred. <sup>6</sup>If the bachelor thesis is the last examination component, the date on the transcript will be the date on which the thesis was submitted. <sup>7</sup>An English copy of the final transcript of records shall also be issued. <sup>8</sup>Only the German version shall be legally binding.

(2) <sup>1</sup>Students shall be presented with a bachelor certificate along with the final transcript of



records to certify that the degree specified in Section 3 has been awarded; the certificate shall bear the same date as the final transcript of records. <sup>2</sup>The bachelor certificate shall be signed by the Deans of the Faculties and the Chair of the Examination Board and marked with the Faculties' seals.

(3) <sup>1</sup>In addition to the final transcript of records and the bachelor degree certificate, successful students shall be presented with a diploma supplement in German and English, with information about the subject matter covered by the completed programme and the academic and professional qualifications gained through the degree. <sup>2</sup>The diploma supplement gives a description of the programme completed by the student. <sup>3</sup>The transcript of records is a component of the diploma supplement. <sup>4</sup>Candidates may request an overview of marks that illustrates the relative placement of their final mark within their programme. <sup>5</sup>The parameters which determine this overview, including the reference group of each student, shall be determined by the Examination Board.

(4) <sup>1</sup>If a candidate has failed at the final attempt or dropped out of the programme or if they change university, they can be issued a transcript of records on request, which shows the examinations taken, any additional academic work, their marks and credit points earned. <sup>2</sup>This transcript must make it clear that the holder has not passed or has definitively not passed the programme.

### **Section 28: Transitional provisions**

(1) <sup>1</sup>These Examination Regulations shall apply to all students enrolled for the first time or re-enrolled having interrupted studies covered by these Examination Regulations, or those admitted as second students at the University of Cologne from the 2021/2022 winter semester onwards.

(2) <sup>1</sup>Students already enrolled or admitted as second students on the health economics bachelor programme subject to these Examination Regulations at the University of Cologne on 30 September 2021 can continue their studies on the basis of these Examination Regulations; credit for examinations already taken shall be transferred. The application for transfer must be submitted to the Chair of the Examination Board in writing; the transfer cannot be reversed. <sup>3</sup>The further details for a transfer shall be defined by the Examination Board.

### **Section 29: Credit points for and scope of the bachelor degree**

(1) In addition to the bachelor thesis (12 CPs) and the Studium Integrale (12 CPs), the bachelor degree includes:

1. the core and advanced modules, carrying 102 CPs;
2. the supplementary modules, carrying 24 CPs, and;
3. the specialisation modules, carrying 30 CPs.

(2) <sup>1</sup>In the core and advanced modules as per (1) No. 1 above, candidates must earn 102 CPs. <sup>2</sup>The detailed examination procedure is set out in the annex.

(3) <sup>1</sup>In the supplementary modules as per (1) No. 2 above, candidates must earn 24 CPs. <sup>2</sup>The detailed examination procedure is set out in the annex. <sup>3</sup>Students effectively decide on their module the first time they take an examination in that module. A failure to attend as defined in Section 16 (2) does not revoke this effective decision. <sup>4</sup>If the student fails an examination for the first time in a given module, it is possible to change the module. This change requires the written consent of the Chair of the Joint Examination Board. <sup>5</sup>Candidates who fail an examination in a module twice can no longer change module. <sup>6</sup>Changing another module is excluded.

(4) <sup>1</sup>The examination candidate must attain 30 LPs in the specialisation modules according to (1) No. 3. <sup>2</sup>The notice to take an examination in the specialisation modules according to (1) No. 3 may be provided once at least 42 CPs have been attained. <sup>3</sup>The detailed examination procedure is set out in the annex. <sup>4</sup>Students effectively decide on their module the first time they register for an examination in that module. A de-registration or failure to attend as defined in Section 16 (2) does not revoke this effective decision. <sup>5</sup>It is possible to change the module. This change requires the written consent of the Chair of the Joint Examination Board. <sup>6</sup>Candidates who fail an examination in a module twice can no longer change the module. <sup>6</sup>Changing another module is excluded.

### **Section 33: Publication and entry into effect**

(1) These Examination Regulations shall be published in the Official Notices (*Amtliche Mitteilungen*) of the University of Cologne.

(2) These Examination Regulations shall enter into effect on 1 October 2021.

### **Article II**

Prepared on the basis of the resolutions of the Faculty Council of the Faculty of Management, Economics and Social Sciences dated 22 June 2020 and the Faculty Council of the Faculty of Medicine dated 11 November 2020 as well as following review of the lawfulness by the Rectorate on 8 December 2020.

Cologne, 28 January 2021

signed:

The Dean

of the Faculty of Management, Economics and Social Sciences  
of the University of Cologne  
University Professor Dr Ulrich W. Thonemann

The Dean  
of the Faculty of Medicine  
of the University of Cologne  
University Professor Dr Gereon R. Fink

<b>Abbreviation</b>	<b>Explanation</b>
AN	Recognition
AS	Assignment
FS	Case study
HA	Semester paper
KL	Examination
MP	Oral examination
P	Compulsory module
PA	Project work
PB	Practical report
PO	Portfolio
PR	Project
RE	Presentation
ST	Practical studies
TP	Compulsory attendance
WP	Elective compulsory module

## **Overview of annexes**

Annex 1: Core and advanced modules of health economics

Annex 2: Supplementary modules of health economics

Annex 3: Specialisation modules of health economics

Annex 4: Bachelor thesis in health economics

Annex 5: Studium Integrale

Annex 6: Subject-specific annex for the Bachelor of Science in Health Economics

Programme: Bachelor of Science in Health Economics

**Annex 1: Core and advanced modules of health economics**

The examination candidate must attain 102 CPs in the core and advanced modules according to Section 29 (1) No. 1.

Group	Module	CP	P/WP	CP target	
Economic Principles	BM Grundlagen der Betriebswirtschaftslehre [Principles of Business Administration]	12	P	30	102
	BM Grundlagen der Volkswirtschaftslehre [Principles of Economics]	12	P		
	BM Statistik (SoWi): Sozialwissenschaftliche Datenauswertung [Statistics: Socio-Scientific Data Analysis]	6	P		
Health Economics	BM Management im Gesundheitswesen [Management in Healthcare]	9	P	45	
	BM Gesundheitssysteme I [Health Systems I]	6	P		
	BM Gesundheitssysteme II [Health Systems II]	6	P		
	BM Gesundheitsökonomie IV [Health Economics IV]	6	P		
	BM Terminologie [Terminology]	6	P		
	BM Kasuistik A	6	P		

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	[Casuistry A]				
	BM Kasuistik B [Casuistry B]	6	P		
Health Economic Methods	BM Gesundheitsökonomie I [Health Economics I]	6	P	27	
	BM Gesundheitsökonomie II [Health Economics II]	6	P		
	BM Gesundheitsökonomie III [Health Economics III]	9	P		
	BM Entscheidungstheorie [Decision Theory]	6	P		

**Annex 2: Supplementary modules of health economics**

The examination candidate must attain 24 CPs in the supplementary modules according to Section 29 (1) No. 2.

Group	Module	CP	P/WP	CP target	
Economics	BM Corporate Development I	6	WP	12	24
	BM Finance I	6	WP		
	BM Marketing I	6	WP		
	BM Supply Chain Management I	6	WP		
	BM Unternehmens- und Wirtschaftsethik [Corporate and Economic Ethics]	6	WP		
	Studies Abroad in Management I	6	WP		
	Studies Abroad in Management II	6	WP		
Economic Methods	BM Methoden empirischer Sozialforschung [Methods of Empirical Social Research]	6	WP	12	
	AM Statistik (SoWi) [Statistics]	12	WP		
	EM Gesundheitsrecht [Healthcare Law]	6	WP		
	BM Accounting I	6	WP		
	BM Grundlagen der Wirtschaftsinformatik [Principles of Business Informatics]	6	WP		

### Annex 3: Specialisation modules of health economics

The examination candidate must attain 30 CPs in the specialisation modules according to Section 29 (1) No. 3.

Module	CP	P/WP	CP target	
			18	30
SM Kasuistik [Casuistry]	6	WP	18	30
SM Gesundheitsökonomie I [Health Economics I]	6	WP		
SM Gesundheitsökonomie II [Health Economics II]	6	WP		
SM Gesundheitsökonomie III [Health Economics III]	6	WP		
SM Gesundheitssysteme [Healthcare Systems]	6	WP		
Studies Abroad in Health Care Management I	6	WP		
Studies Abroad in Health Care Management II	6	WP		
SM Management im Gesundheitswesen I [Management in Healthcare I]	6	WP	12	
SM Management im Gesundheitswesen II [Management in Healthcare II]	6	WP		
SM Gesundheitsökonomie IV	6	WP		



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[Health Economics IV]				
SM Gesundheitsökonomie V [Health Economics V]	6	WP		

**Annex 4: Bachelor thesis in health economics**

Module	CP	P/WP	CP target
Bachelorarbeit Gesundheitsökonomie [Bachelor Thesis in Health Economics]	12	P	12

**Annex 5: Studium Integrale**

Module	CP	P/WP	CP target
Studium Integrale	12	P	12

## Annex 6: Subject-specific annex for the Bachelor of Science in Health Economics

Module code	Module title	Module participation requirements	Start / cycle / duration of the module	Classes and compulsory attendance (TP)	Examination requirements	Examination components   Examination form   Duration   Module examination language	Limit on attempts	Compulsory module (P)   Elective compulsory module (WP)	Module credit points   Total credit points in elective compulsory areas	Weighting of module mark in the module section mark
1230BBGDB1	BM Grundlagen der Betriebswirtschaftslehre  [Principles of Business Administration]	None	Every semester, one semester	Lecture, tutorial	None	German written examination: KL (90)	The number of resit attempts is limited to two.	P	12	12 / 102
1289BBGVL1	BM Grundlagen der Volkswirtschaftslehre  [Principles of Economics]	None	Every semester, one semester	Lecture, exercise, tutorial	None	German written examination: KL (120)	The number of resit attempts is limited to two.	P	12	12 / 102
1320BBSSD1	BM Statistik (SoWi): Sozialwissenschaftliche Datenauswertung  [Statistics: Socio-Scientific Data Analysis]	None	Every second semester, summer semester, one semester	Lecture, exercise, tutorial	None	German and English written examination: KL (60)	The number of resit attempts is limited to two.	P	6	6 / 102

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1282BBMMG1	BM Management im Gesundheitswesen [Management in Healthcare]	None	Every second semester, winter semester, one semester	Lecture, exercise	None	German written examination: KL (90)	The number of resit attempts is limited to two.	P	9	9 / 102
1282BBGHS1	BM Gesundheitssysteme I [Healthcare Systems I]	None	Every second semester, winter semester, one semester	Lecture	None	German written examination: KL (60)	The number of resit attempts is limited to two.	P	6	6 / 102
1289BBGHS2	BM Gesundheitssysteme II [Healthcare Systems II]	None	Every second semester, summer semester, one semester	Lecture, exercise	None	German written examination: KL (60)	The number of resit attempts is limited to two.	P	6	6 / 102
1282BBGOE4	BM Gesundheitsökonomie IV [Healthcare Economics IV]	None	Every second semester, summer semester, one semester	Lecture	None	German written examination: KL (60)	The number of resit attempts is limited to two.	P	6	6 / 102
1282BBTER1	BM Terminologie [Terminology]	None	Every second semester, winter semester, one semester	Lecture, exercise	None	German written examination: KL (60)	The number of resit attempts is limited to two.	P	6	6 / 102
1282BBKAS1	BM Kasuistik A [Casuistry A]	None	Every second semester, summer semester, one semester	Lecture	None	German written examination: KL (60)	The number of resit attempts is limited to two.	P	6	6 / 102

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1282BBKAS2	BM Kasuistik B [Casuistry B]	None	Every second semester, winter semester, one semester	Lecture	None	German written examination: KL (60)	The number of resit attempts is limited to two.	P	6	6 / 102
1282BBGOE1	BM Gesundheitsökonomie I [Health Economics I]	None	Every second semester, winter semester, one semester	Lecture	None	German written examination: KL (60)	The number of resit attempts is limited to two.	P	6	6 / 102
1282BBGOE2	BM Gesundheitsökonomie II [Health Economics II]	None	Every second semester, winter semester, one semester	Lecture	None	German written examination: KL (60)	The number of resit attempts is limited to two.	P	6	6 / 102
1282BBGOE3	BM Gesundheitsökonomie III [Health Economics III]	None	Every second semester, summer semester, one semester	Lecture	None	German written examination: KL (60)	The number of resit attempts is limited to two.	P	9	9 / 102
1282BBEDT1	BM Entscheidungstheorie [Decision Theory]	None	Every semester, one semester	Lecture, exercise	None	German written examination: KL (60)	The number of resit attempts is limited to two.	P	6	6 / 102

1253BBMCD1	BM Corporate Development I	None	Every semester, one semester	Lecture, tutorial	None	German written examination: KL (60)	The number of resit attempts is limited to two.	WP	6	6 / 24
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1259BBMF1	BM Finance I	None	Every semester, one semester	Lecture, exercise	None	German written examination: KL (60)	The number of resit attempts is limited to two.	WP	6	6 / 24
1266BBMMA1	BM Marketing I	None	Every semester, one semester	Lecture, exercise	None	German written examination: KL (60)	The number of resit attempts is limited to two.	WP	6	6 / 24
1271BBMSC1	BM Supply Chain Management I	None	Every semester, one semester	Lecture, exercise, tutorial	None	German written examination: KL (60)	The number of resit attempts is limited to two.	WP	6	6 / 24
1253BBMUW1	BM Unternehmens- und Wirtschaftsethik [Corporate and Economic Ethics]	None	Every semester, one semester	Lecture, exercise	None	German written examination: KL (60)	The number of resit attempts is limited to two.	WP	6	6 / 24
1014BSSAM1	Studies Abroad in Management I	None	Every semester, one semester	Depending on course choice	None	Chosen language AN – depending on course choice	The number of resit attempts is limited to two.	WP	6	6 / 24
1014BSSAM2	Studies Abroad in Management II	None	Every semester, one semester	Depending on course choice	None	Chosen language AN – depending on course choice	The number of resit attempts is limited to two.	WP	6	6 / 24

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1320BBMES1	BM Methoden empirischer Sozialforschung [Methods of Empirical Social Research]	None	Every second semester, winter semester, one semester	Lecture	None	German written examination: KL (60)	The number of resit attempts is limited to two.	WP	6	6 / 24
1320BASTA1	AM Statistik (SoWi) [Statistics]	None	Every second semester, winter semester, one semester	Lecture, exercise, tutorial	None	German and English written examination: PO	The number of resit attempts is limited to two.	WP	12	12 / 24
1282BEGHR1	EM Gesundheitsrecht [Healthcare Law]	None	Every second semester, winter semester, one semester	Lecture	None	German written examination: KL (60)	The number of resit attempts is limited to two.	WP	6	6 / 24
1016BBMAT1	BM Accounting I	None	Every semester, one semester	Lecture, exercise, tutorial	None	German written examination: KL (60)	The number of resit attempts is limited to two.	WP	6	6 / 24
1277BBMGW1	BM Grundlagen der Wirtschaftsinformatik [Principles of Business Informatics]	None	Every semester, one semester	Lecture, exercise	None	German written examination: KL (90)	The number of resit attempts is limited to two.	WP	6	6 / 24



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1282BSKAS1	SM Kasuistik [Casuistry]	None	Every second semester, summer semester, one semester	Lecture	None	German written examination: KL (60)	The number of resit attempts is limited to two.	WP	6	6 / 30
1282BSGOE1	SM Gesundheitsökonomie I [Health Economics I]	None	Every second semester, summer semester, one semester	Lecture	None	German written examination: KL (60)	The number of resit attempts is limited to two.	WP	6	6 / 30
1282BSGOE2	SM Gesundheitsökonomie II [Health Economics II]	None	Every second semester, winter semester, one semester	Lecture	None	German written examination: KL (60)	The number of resit attempts is limited to two.	WP	6	6 / 30
1282BSGOE3	SM Gesundheitsökonomie III [Health Economics III]	None	Every second semester, summer semester, one semester	Lecture	None	German written examination: KL (60)	The number of resit attempts is limited to two.	WP	6	6 / 30
1320BSGSY1	SM Gesundheitssysteme [Healthcare Systems]	None	Every second semester, summer semester, one semester	Lecture, tutorial	None	German written examination: HA	The number of resit attempts is limited to two.	WP	6	6 / 30
1014BSSAH1	Studies Abroad in Health Care Management I	None	Every semester, one semester	Depending on course choice	None	Chosen language AN – depending on course choice	The number of resit attempts is limited to two.	WP	6	6 / 30

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1014BSSAH2	Studies Abroad in Health Care Management II	None	Every semester, one semester	Depending on course choice	None	Chosen language AN – depending on course choice	The number of resit attempts is limited to two.	WP	6	6 / 30
1282BSMIG1	SM Management im Gesundheitswesen I [Management in Healthcare I]	None	Every semester, one semester	Seminar	None	German and English combined examination: RE, HA	The number of resit attempts is limited to two.	WP	6	6 / 30
1282BSMIG2	SM Management im Gesundheitswesen II [Management in Healthcare II]	None	Every semester, one semester	Seminar	None	German and English combined examination: RE, HA	The number of resit attempts is limited to two.	WP	6	6 / 30
1282BSGOE4	SM Gesundheitsökonomie IV [Health Economics IV]	None	Every second semester, winter semester, one semester	Seminar	None	German written examination: HA	The number of resit attempts is limited to two.	WP	6	6 / 30
1282BSGOE5	SM Gesundheitsökonomie V [Health Economics V]	None	Every second semester, winter semester, one semester	Seminar	None	German combined examination: RE, HA	The number of resit attempts is limited to two.	WP	6	6 / 30

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1282BMGES1	Bachelorarbeit Gesundheitsökonomie [Bachelor Thesis in Health Economics]	None	Every semester, one semester	Bachelor thesis	At least 100 CPs attained	German and English written examination, 12 weeks	The number of resit attempts is limited to two.	P	12	12 / 12
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UZK1StIn00	Studium Integrale	None	Every semester	Depending on course choice	None	AN – depending on course choice	-	P	12	0 / 168
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