THIS TRANSLATION OF ‘Promotionsordnung des PhD Programms der Wirtschafts- und Sozialwissenschaftlichen Fakultät der Universität zu Köln’ IS NOT LEGALLY BINDING.

Regulations of the PhD programme at the Faculty of Management, Economics and Social Sciences of the University of Cologne as of 5.08.2026

Based on Section 2 Subsection 4 Sentence 1 and Section 67 Subsection 3 Sentence 3 of the Higher Education Act of North Rhine-Westphalia (Hochschulgesetz - HG NRW) in the Higher Education Future Development Act (Hochschulzukunftsgesetz - HZG NRW) as of 16 September 2014 (GV. NRW p. 574), as last amended by Article 2 of the Act concerning the further strengthening of Bochum as a university location for healthcare and amending further regulations of the Higher Education Regulations of 19 December 2024 (GV. NRW. p. 1222), the Faculty of Management, Economics and Social Sciences of the University of Cologne issues the following regulations:

Table of contents

PART I. GENERAL 4

Section 1 Scope 4

Section 2 PhD 4

PART II. ADMISSION TO PHD STUDIES 4

Section 3 Requirements for admission to the PhD programme 4

Section 4 Application for admission as a PhD candidate 5

Section 5 Admission as a PhD candidate 6

Section 6 Start of studies and duration of the PhD 7

Section 7 Supervision 7

PART III. PHD PROGRAMME 8

Section 8 Prerequisites and scope of the PhD programme 8

Section 9 Organization and structure of the degree programme 8

Section 10 Module 8

Section 11 Credit point system and general criteria for the awarding of credit points 9

Section 12 Courses.....10

Section 13a Recognition of credits 11

Section 13b Awarding of credits.....12

Section 14 Types of examinations.....12

Section 15 Registration and admission to PhD studies examinations. 17

Section 16 De-registration, default and withdrawal from examinations as part of the PhD programme.....18

Section 17 Assessment of examination performance.....18

Section 18 Announcing the examination results.....19

Section 19 Repeating module examinations.....19

Section 20 Examiners, assessors of PhD studies 20

Section 21 Deception in an examination as part of PhD studies, breach of regulations 20

Section 22 Invalid examination results 21

Section 23 Completion of studies.....22

PART III. PHD EXAMINATION.....22

Section 24 Requirements for admission to the PhD examination.....22

Section 25 Dissertation 23

Section 26 Application for admission to PhD studies.....24

Section 27 Assessment and evaluation of the dissertation.....24

Section 28 Oral examination (defence) 26

Section 29 Result of the PhD examination.....27

PART IV. PUBLICATION AND COMPLETION OF THE PHD PROGRAMME 27

Section 30 Publication of the dissertation 27

Section 31 Provisional right to use the title; awarding of the PhD degree 28

Section 32 Renewal of the PhD certificate 28

PART V. HONORARY PHD 28

Section 33 Honorary PhD.....28

PART VI. COOPERATION AGREEMENTS 29

Section 34 Cooperation with a university in Germany or abroad or with a university of applied sciences 29

PART VII. FURTHER REGULATIONS 30

Section 35 PhD committee 30

Section 36 Advice & support for students 31

Section 37 Registration 32

Section 38 Reasonable adjustments and protective provisions 32

Section 39 PhD thesis files, access to files and retention periods 33

Section 40 Withdrawal and non-awarding of PhD degrees; revocation of PhD degrees; and withdrawal of admission to PhD studies 34

Section 41 Ombudsperson 34

PART VIII. TRANSITIONAL PROVISIONS AND ENTRY INTO FORCE OF THE REGULATION 35

Section 42 Transitional provisions 35

Section 43 Publication and entry into force 35

ANNEX I 36

Annex 1.1 PhD programme 36

Annex 1.2 Subject-specific annex for the PhD programme 36

Provisions on the cumulative dissertation 44

PART I. GENERAL

Section 1 Scope

These regulations govern the PhD studies, the examination procedure and the PhD degree to be awarded in the PhD programme at the Faculty of Management, Economics and Social Sciences at the University of Cologne (hereinafter referred to as the 'Faculty').

Section 2 PhD

(1) [1]The PhD demonstrates the ability to conduct independent academic work through an original research achievement. [2]Independence also includes demonstration of communicative competence in written and oral form.

(2) The Faculty awards the degree of Doctor of Economics and Social Sciences (philosophiae doctor, abbreviated as PhD).

(3) The degree is awarded after admission as a PhD candidate to the PhD programme (Section 4 and Section 5), successful completion of the PhD programme (Section 8), acceptance of the dissertation (Section 27), passing of the oral examination (defence) (Section 28) and publication of the dissertation (Section 30).

(4) In recognition of outstanding academic achievements, the Faculty may award the academic degree of Doctor of Economics and Social Sciences honoris causa (doctor rerum politicarum honoris causa, abbreviated as Dr rer. pol. h.c.) (Section 33) as a rare distinction.

PART II. ADMISSION TO PHD STUDIES

Section 3 Requirements for admission to the PhD programme

(1) [1]Admission to the PhD studies in the PhD programme has the following prerequisites:

1. a relevant university degree with a general standard period of study of at least eight semesters, for which a degree other than a Bachelor is awarded with at least upper second-class honours (2.0 in the German system) in which either at least 75 credit points were earned in the Master's programme or at least 150 credit points were earned in the Bachelor's and Master's programmes or in a relevant university degree with a general standard period of study of at least eight semesters in the subject area of the intended PhD; or

2. a successfully completed, relevant university degree with a general standard period of study of at least six semesters, in which at least 120 credit points were earned in the subject area of the intended PhD, with at least first-class honours (1.5 in the German system), and proof of subsequent studies in the PhD subject that serve as adequate preparation for the PhD; or

3. a successfully completed Master's degree programme as defined in Section 67 Subsection 4 No. 3 HG in conjunction with Section 61 Subsection 2 Sentence 2 HG with at least upper second-class honours (2.0 in the German system), and proof of study and/or examination achievements that indicate suitability for a PhD in the field of study; or

4. a successfully completed Bachelor's degree and 90 credit points in one of the Faculty's integrated Master's degree programmes with at least upper second-class honours (2.0 in the German system).

(2) [1]The applicant is required to successfully complete examinations for modules of the Faculty's Master's degree programmes as preparatory studies for the PhD in accordance with Subsection 1 No. 2, which generally correspond to a subject-specific academic specialization of two semesters. [2]When selecting the module examinations, it is particularly important to ensure that the knowledge acquired corresponds to the knowledge of the applicants who have successfully completed a relevant university degree programme in accordance with Subsection 1 No. 1. [3]In exceptional cases, the completion of other examinations may be required. [4]The pre-PhD studies must be completed with at least upper second-class honours (2.0 in the German system). [5]Admission to the PhD programme is initially granted on a provisional basis for the period of pre-PhD studies, provided that the coursework and/or examinations are completed. [6]The final decision is made by the PhD committee.

(3) Once a full-time professor of the Faculty has approved the application, the PhD committee may grant a dispensation from the required grades or the required number of credit points in the PhD subject.

Section 4 Application for admission as a PhD candidate

(1) [1]Applicants submit their applications for admission as PhD candidates electronically to the Chair of the PhD committee. [2]The application can be submitted in German or English. [3]The application must include the following attachments (as a scan or similar):

1. indication

   (a) of the PhD programme

   (b) of the PhD programme in economics

2. the working title and a brief description of the research project (approx. 250-500 words);

3. as a rule, a confirmation of academic supervision by a member of the group of persons according to Section 7 Subsections 3, 4 or 5 or a confirmation of academic supervision by the Academic Director of the integrated Master's/PhD programme M.Sc. Economic Research or a confirmation of academic supervision by the spokesperson of a graduate school, provided they are a full-time professor within the Faculty;

4. proof of the fulfilment of admission requirements in accordance with Section 3, in particular by submitting the higher education entrance qualification certificate, the degree certificates for the higher education programme (including individual grades or transcript of records, the certificates and the course of study certificates) and, if applicable, proof of timely and successful completion of pre-PhD studies in accordance with Section 3 Subsection 2;

5. a curriculum vitae in tabular form;

6. a statement indicating whether the applicant has already undergone or registered for another PhD programme, and if so, with what level of success.

(2) [1]Foreign-language certificates or attestations that are in a language other than English require a German translation. [2]Foreign degree grades are converted to the German grading system by the PhD office.

(3) [1]Applicants who did not obtain their university degree or higher education entrance qualification in a German- or English-language degree programme must provide proof of sufficient English language skills. [2]Proof of sufficient English language skills is deemed to be Level B2 of the European Union's Common European Framework of Reference for Languages. [3]The PhD committee decides on exceptions.

(4) [1]In the case of German applicants, or applicants with an equivalent status in accordance with the NRW Regulations on the Awarding of PhDs, the PhD committee carries out the subject-related and formal examination of the application and decides on admission of the PhD candidate. [2]Independently of this, the University of Cologne's International Office is responsible for checking all foreign secondary school and university certificates. [3]In the case of foreign applicants, the subject-related examination is carried out by the PhD committee, which decides on the subject-related requirements for admission. [4]If the PhD committee has granted admission to the PhD programme with written confirmation of supervision, applicants should submit their application for admission to the PhD programme to the International Office in accordance with the Regulations on the Admission of Foreign Students at the University of Cologne, as amended.

Section 5 Admission as a PhD candidate

(1) [1]If the PhD committee makes a positive decision, the applicant will receive an electronic notification of admission as a PhD candidate. Foreign applicants will receive a notification of their acceptance as a PhD candidate (in the form of a letter of admission). [2]The date of the letter of admission is the date of the start of the PhD according to the Higher Education Statistics Act.

(2) Admission as a PhD candidate automatically grants the student with membership to the Cologne Graduate School in Management, Economics and Social Sciences (CGS).

(3) [1]Applicants who are required to complete preparatory, pre-PhD studies in accordance with Section 3 Subsection 2 will receive provisional admission. [2]This expires if the required evidence has not been provided within the specified period.

(4) After receiving the letter of admission, the PhD candidate must enrol at the University of Cologne as soon as possible, at the latest within three months, in accordance with Section 67 Subsection 5 Sentence 1 HG.

(5) In the event of a negative decision by the PhD committee, the applicant will receive a corresponding electronic rejection notice, which will include information on appeal.

Section 6 Start of studies and duration of the PhD

(1) [1]The PhD programme can be started in the summer and winter semesters.

(2) As a rule, the maximum duration of the entire PhD should not exceed six years.

Section 7 Supervision

(1) [1]The PhD must be supervised. [2]Supervision is provided by at least two supervisors. One is the main supervisor (primary supervisor) and the other acts as an additional contact person.

(2) One of the two supervisors must come from the group of persons named in Subsection 3.

(3) The following persons may supervise the dissertation:

1. full-time professors of the Faculty

2. full-time associate professors of the Faculty and full-time private lecturers of the Faculty

(4) Junior professors of the Faculty and junior research group leaders of the Faculty can be appointed as supervisors by the PhD committee upon their own application.

(5) Part-time Faculty professors or professors who have been granted such legal status by the university may be appointed as supervisors by the PhD committee upon their own application.

(6) Supervisors from Subsections 3, 4 and 5 who leave the Faculty, are dismissed, or retire may continue to supervise ongoing PhD projects for up to five years.

(7) At the request of one of the persons named in Subsection 3, the PhD committee may appoint PhD members of the Faculty or of research institutions with which a jointly regulated graduate programme exists, or professors from other Faculties or universities, as supervisors.

(8) [1]Within twelve months of being admitted as a PhD candidate, the candidate and their supervisors must submit an electronic supervision agreement to the PhD committee in

accordance with the Faculty's requirements. [2]The supervision agreement must be signed by all supervisors and by the PhD candidate.

PART III. PHD PROGRAMME

Section 8 Prerequisites and scope of the PhD programme

(1) [1]Admission to the PhD programme requires prior admission as a PhD candidate in accordance with Section 5.

(2) [1]PhD candidates must complete courses in the PhD programme that amount to at least 60 credit points. [2]In joint PhD procedures with other universities in Germany or abroad or with German universities of applied sciences in accordance with Section 34, further coursework or examinations may be specified.

Section 9 Organization and structure of the degree programme

(1) The structure and modules of the degree programme are specified in the annex.

(2) [1]Module examinations and, where applicable, their examination elements are generally delivered in English. [2]If modules or module courses are delivered in German, the corresponding module examination is generally also delivered in German and is shown accordingly in the annexes.

Section 10 Module

(1) The PhD programme has a modular structure.

(2) [1]Modularization involves grouping subject areas into thematically and chronologically related, self-contained teaching units, which are awarded credit points (CP). [2]The content of a module must be calculated in such a way that it can generally be taught within one semester.

(3) Modules generally have a scope of 6 credit points.

(4) A distinction is made between the following module types:

a) Core modules serve to impart basic knowledge.

b) Specialization modules deepen the acquired knowledge and skills with regard to the intended PhD.

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

a) Compulsory modules must be studied and are listed as such in the annexes;

b) Compulsory elective modules must be selected from a specified list and are compulsory in accordance with the provisions in the annexes. They are indicated as such in the annexes.

(6) [1]Regulations for the individual modules and the final examinations are specified in the annexes. [2]These include, in particular:

a) Identification number of the module

b) Title of the module

c) Module participation requirements

d) Start date of the module

e) Frequency of the module

f) Duration of the module in semesters

g) Module course types and requirements for participation

h) Examination admission requirements

i) Examination format, type and duration of the module examination, examination elements, where applicable, and the modalities for passing and repeating them

j) Examination language

k) Trial restrictions

L) compulsory or compulsory elective module labelling

m) Module credit points

n) Requirements for the awarding of credit points

o) For compulsory elective modules: the proportion of the module's credit points should be in proportion to the credit points in the relevant compulsory elective area.

(7) [1]Credit points are awarded upon completion of the respective module. [2]Modules can be completed by passing a final module examination and/or by completing other achievements. [3]The provisions of Section 14 apply to module examinations.

Section 11 Credit point system and general criteria for the awarding of credit points

(1) [1]Successful completion of modules is certified through the awarding of credit points. [2]Credit points are calculated according to the expected workload of the PhD candidates and are a quantitative measure of the overall workload of the PhD candidates. [3]They include the time required for attending the courses as well as for the preparation and follow-up of the course material (attendance and self-study), examination preparation and the examination effort. [4]Credit points are equivalent to credits according to the European Credit Transfer and

Accumulation System. [5]One credit point corresponds to an average workload of approximately 30 hours.

(2) [1]Credit points are awarded upon proof of or successful completion of the coursework and/or examinations required for the respective module. [2]Section 48 Subsection 5 HG applies to the acquisition of credit points during leaves of absence.

Section 12 Courses

(1) The following types of courses are generally offered:

a) Lecture: coherent presentation and teaching of basic and specialized academic knowledge and methodological skills, usually in individual courses spread periodically over a semester.

b) Seminar: discourse that engages with fundamental or further-reaching questions.

c) Exercise: course accompanying a lecture or seminar. Discussion of the assigned exercises, and consolidation of the learning content through independent study, task completion, or experiments.

d) Research seminar: discourse that engages with further questions, similar to an international scientific conference.

(2) The course types listed in Subsection 1 can be offered in combination.

(3) [1]If it is necessary to limit the number of participants in a course due to its nature, purpose, or for reasons relating to research, artistic development projects, teaching, the practice of art, or healthcare, and if the number of applicants exceeds the capacity, the number of participants may be limited in accordance with Section 59 Subsection 2 HG. [2]Students who are dependent on attending a course at this point in their studies must be given priority. [3]In this case, participants are admitted to courses at the Faculty of Management, Economics and Social Sciences in accordance with the provisions of the Regulations on the Restriction of Participation in Courses at the Faculty of Management, Economics and Social Sciences, as amended. [4]Within the limits of the available resources, steps are taken to ensure that PhD candidates do not lose any time due to restrictions on the number of participants. [5]Admission to examinations in courses with restricted attendance is dependent on admission to the underlying course.

(4) [1]Admission to an examination or the awarding of credit points may require regular participation in course modules and their assessments. [2]Corresponding provisions are shown in the annexes. [3]Ordering regular attendance is only permissible if it is proportionate and if regular attendance is the only way to achieve the learning objective. [4]This is generally the case if at least one of the following applies:

a) [1]The obligation to participate regularly and demonstrably in modules or courses arises from the practice of academic discourse, which is the primary and formative element, as well as an essential learning objective, of the module or course. [2]Scientific discourse is characterized by the presentation of scientific questions and arguments and one’s own

positioning as well as critical reflection and mutual exchange about what has been presented.

b) The obligation to provide proof of regular participation in modules or courses stems from the course's didactic design, which incorporates continuous participatory, interactive and cooperative teaching and learning formats, as well as supervised reflection on content and results, to help achieve the learning objective.

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

d) The obligation to provide proof of regular participation in modules or courses stems from the need to examine content-relevant subjects and contexts in situations and to acquire practical or professionally relevant skills and abilities depending on the location and situation, taking into account non-university learning locations.

[5]Regular participation is generally deemed to have been achieved if absences do not exceed 20%. [6]The relevant regulations are set out in the annexes. [7]If participation is compulsory, absences cannot be compensated for by other work. [8]Section 38 Subsections 2 to 4 remains unaffected. [9]Regular participation in the courses, including preparation and follow-up work, is recommended.

Section 13a Recognition of credits

(1) For the purposes of these regulations, the term recognition refers to the recognition of academic credits within the meaning of Section 63a Subsection 1 HG.

(2) [1]Credits earned at other Faculties of the University of Cologne, in graduate colleges or cooperative PhD programmes of the Faculty at other state or state-recognized universities and research institutions or in another degree programme at the same university shall be recognized upon written or electronic request by the PhD candidate, provided that there is no significant difference in the skills acquired compared to the credits being replaced; an equivalence check will not be carried out. [2]Recognition is granted in accordance with the modules of the PhD programme (see annex). [3]Recognition of credits earned elsewhere is not possible if this work has already been completed at the University of Cologne.

(3) [1]If credits are recognized, the grades should be adopted insofar as the grading systems are comparable. [2]In the case of incomparable grading systems, a grade of 'pass' is awarded. [3]Recognition is labelled on certificates for credits earned.

(4) [1]PhD candidates must submit the documents required for recognition. [2]Applications for recognition must be submitted in writing or electronically. [3]The PhD committee decides on recognition, if necessary, in consultation with subject representatives. [4]As a rule, the decision must be made within three months and the PhD candidate must be informed immediately in writing or electronically. In the event of a rejection, a justification must be given. [5]If a request for recognition is rejected as defined in Subsection 1, the applicant may, notwithstanding any procedural or legal deadlines, request a review of the decision by the Rectorate. [6]The Rectorate shall make a recommendation to the Chair of the PhD committee on how to handle the request going forward.

Section 13b Awarding of credits

(1) For the purposes of these regulations, the term ‘accreditation’ refers to the recognition of extra-curricular achievements as defined in Section 63a Subsection 7 HG.

(2) [1]Upon request, knowledge and qualifications acquired in ways other than through studies may be recognized on the basis of documents submitted if the knowledge and qualifications are equivalent in content and level to the credits they are intended to replace. [2]Recognition of such extra-curricular achievements in excess of half of the examinations to be taken is not permitted.

(3) [1]If credits are recognized, the grades should be adopted insofar as the grading systems are comparable. [2]In the case of incomparable grading systems, a grade of ‘pass’ is awarded. [3]The crediting is labelled on the certificates of completed work.

(4) [1]PhD candidates must submit the documents required for recognition. [2]Applications for crediting must be submitted in writing or electronically. [3]The PhD committee shall decide on crediting, if necessary in consultation with subject representatives. [4]As a rule, the decision must be made within three months and the PhD candidate must be informed immediately in writing or electronically. In the event of a rejection, a justification must be given. [5]If a request for recognition is rejected as defined in Subsection 1, the applicant may, notwithstanding any procedural or legal deadlines, request a review of the decision by the Rectorate. [6]The Rectorate shall make a recommendation to the Chair of the PhD committee on how to handle the request going forward.

Section 14 Types of examinations

(1) As a rule, modules are completed with only one module examination. [2]Module examinations can be taken in written, oral or combined form. [3]The type of examination must be suitable for assessing the learning objectives and learning outcomes conveyed in the module and demonstrating that the PhD candidate has mastered the content and methods of the module in the essential contexts and can apply the knowledge and skills acquired. [4]For modules worth 6 credit points, the module examination consists of only one examination element. [5]Multiple-choice examinations are not permitted. [6]In serious cases, the Chair of the PhD committee may, upon written request, specify a different type of examination.

(2) As a rule, the following types of written examinations are given:

a) Written examination: a written examination is a piece of work that must be completed either under personal or electronic supervision (i.e. video supervision). During the examination, you must complete the assigned tasks independently, using only the authorized aids. A written examination usually lasts at least 45 minutes but does not exceed 180 minutes and is specified for each examination in the annex. Examinations can be taken in written or electronic form.

b) Term paper: a term paper is an independent written assignment on a specified topic. The duration and scope of the term paper are determined by the workload specified in the annex. It must be submitted in written form or in an electronic format specified by the examiner. The term paper must be accompanied by the following

statement: ‘I hereby declare that I have written this paper independently and without the use of any aids other than those indicated. All passages taken verbatim or in substance from published and unpublished external sources, including content generated by AI tools, are identified as such.’ If both an electronic and a paper version are submitted, the following statement must be added: ‘I confirm that the printed version submitted is identical to the electronic version submitted.’

c) A take-home exam involves independently completing one or more examination tasks in writing within a specified time frame. Take-home exams can be taken in written or electronic form. For a module with 6 credit points, a take-home exam is worth 2 credit points.

d) A portfolio consists of several different types of tasks that must be completed independently and successively without examination supervision, and comprises a compilation of individual documents to be prepared by the PhD candidates. The portfolio is designed to document and reflect on the learning process. It mirrors this process and is evaluated in summary form. The portfolio is usually divided into an introduction, a collection of documents from the study of the module in question and a conclusion. Written examinations and term papers within the meaning of Subsection 2 Letters a) and b) cannot be part of a portfolio. A portfolio can be completed in written or electronic form. A portfolio in a module with 6 credit points is worth 3 credit points.

e) In a collection of essays, the PhD candidate must demonstrate their ability to analyse a scientific problem within the scope of a relevant module, raise questions, outline related issues and propose solutions. The collection can be divided into a maximum of four parts, each of which must be produced at a different time. The individual parts must demonstrate learning progress, with a final presentation of the overall level of learning provided in the fourth part. An overall assessment of all four parts will be made after submission of the last part. The collection of essays must be submitted in written form, or in an electronic format specified by the examiners. A collection of essays for a 6-credit-point module is worth 3 credit points. If several pieces of work are required, the specified workload must not be exceeded.

(3) The oral examination usually takes one of the following forms:

a) Oral examinations: in oral examinations, a PhD candidate should demonstrate an understanding of the interconnectedness of the subject area and the ability to contextualize specific questions. Oral examinations are conducted by at least two examiners or by one examiner in the presence of an expert assessor. As a rule, an oral examination lasts a minimum of 20 and a maximum of 45 minutes per PhD candidate and may be conducted in whole or in part by electronic communication. The duration, the main course of events as well as objects and results must be recorded in a protocol. PhD candidates on the same programme should be permitted to attend oral examinations as members of the audience, unless an individual candidate objects. The examiners decide on the request according to the number of spots available. Participation does not extend to consultation and disclosure of the examination results.

b) Presentation: the purpose of a presentation is to convey a given topic or set of facts within a limited time frame. Examinations take place within the framework of a course and make use of appropriate presentation techniques. Presentations may be conducted wholly or partly via electronic communication. A lecture in a 6-credit-point module is worth 1 credit point.

c) Lecture: a lecture involves the independent research and presentation of different aspects or perspectives of a topic within a limited time frame, using appropriate techniques. A lecture can be held in whole or in part in electronic communication. A lecture in a 6-credit-point module is worth 1 credit point.

(4) [1]Combined examinations are standardized examinations whose examination sections are made up of different types of examinations. [2]The examination sections must be suitable for testing the acquisition of different competences and must be related to each other in terms of content. [3]The combined examination format usually consists of the following: a presentation with a written paper, a written examination with a presentation, a term paper with a presentation, a term paper with a preparatory and/or reflective discussion, a term paper and oral exam or written and oral exam or portfolio and oral exam, a paper with a lecture, a poster presentation, a workplace-based assessment, a simulation, a simulation game, a project report, a written examination with a project report, a collection of essays with a presentation, a collection of essays with a written examination, whereby the following applies:

a) In the case of a presentation accompanied by a written paper, the presentation itself is the focus of the examination. The provisions of Subsection 3 Letter b must be observed. The presentation accompanied by a written paper can be delivered electronically in whole or in part. A presentation accompanied by a written paper in a 6-credit-point module is worth 2 credit points.

b) In a written examination with a presentation, the competences and learning objectives of the respective module are practised in practical assignments. Presentations provide an opportunity to prepare for, convey and examine the module's content and competences in more targeted subtasks. This approach ensures that PhD candidates continually apply and practise the skills learned in the module. Continuously engaging with the module content not only promotes understanding, it also serves as targeted preparation for the competence-based written examination. The purpose of the written examination is for students to demonstrate their skills and understanding of the module's learning objectives, initially shown in the presentation, within the given time and with only the permitted aids. A written examination with a presentation can be delivered electronically in whole or in part. A written examination with a presentation in a 6-credit-point module is worth 2 credit points.

c) In the case of a term paper with a presentation, the focus of the examination is on how well the topic was developed. The provisions of Subsection 2 Letter b must be observed. The presentation should summarize the term paper's topic. The term paper with a presentation can be delivered electronically in whole or in part. A term paper with a presentation in a 6-credit-point module is worth 3 credit points.

d) In the case of a term paper involving preparatory and/or reflective discussions, in accordance with Subsection 2 Letter b, the term paper must be accompanied by

either a preparatory discussion to clarify content-related and structuring questions, or a reflective discussion to address structural aspects, content-related clarifications, and specifics of the work process. The examination can be delivered electronically in whole or in part.

e) In the case of a term paper (in accordance with Subsection 2 Letter b), a written examination (in accordance with Subsection 2 Letter a) or a portfolio (in accordance with Subsection 2 Letter e), which includes an oral examination component, the purpose of the oral examination is to reflect on the competences documented in the written examination and to demonstrate the knowledge gained in the form of an oral presentation.

f) In the case of a paper with a lecture, the examination will focus on the in-depth development of a topic, including the critical examination of current specialist literature, reflective handling of theoretical approaches, and the ability to present scientific arguments. The paper is a condensed written elaboration in which the subject area is summarized and structured. The presentation serves to provide a brief summary of the findings of the paper with the aid of suitable presentation techniques. The provisions of Subsection 3 Letter c must be observed. The paper with a lecture can be carried out entirely or partly in electronic form.

g) A poster presentation is a condensed, large-format text and/or image-based presentation of scientific research results, methods and findings on a scientific issue and can be carried out in written or electronic form. It serves to document and reflect on the learning process and is accompanied by the oral presentation of results and findings, which can be carried out entirely or partly in electronic form. A poster presentation in a 6-credit-point module is worth 1 credit point.

h) A workplace-based assessment is an unfinished collection of assessment tools that are suitable for observing behaviour (procedures, communication, etc.) first-hand and for providing qualified feedback. The assessment tools are mostly formative. For this type of exercise, the participants work together in groups that have different goals or interests assigned to them. Simulation games can be designed to be either competitive (implementation of a group’s solution) or cooperative (finding a solution together). In addition to knowledge, simulation games test planning/strategic and communicative skills when dealing with and using specialist knowledge in applied scenarios. The specific implementation approach and criteria for the assessment are explained to the participants in advance.

i) Project work is the independent completion of a task or problem in a group or as an individual, from planning and execution to documentation of the results in written, oral, electronic or other form. Project work in a 6-credit-point module is worth 3 credit points.

j) In the case of a written examination with a presentation, the presentation is designed to review the skills initially demonstrated in the written examination, as well as to demonstrate the application of the module’s learning objectives in an oral format, with the aid of suitable presentation techniques. The oral presentation can be accompanied by the submission of a suitable short written presentation, which should not exceed 1 credit point. The written examination with presentation can be

conducted entirely or partly in electronic form. A written examination with presentation in a 6-credit-point module is worth 2 credit points. If several pieces of work are required, the specified workload must not be exceeded.

k) In the case of a written examination involving a term paper, the term paper is designed to assess the skills initially demonstrated in the written examination, as well as the ability to present the application of the module's learning objectives in a written, scientific manner. The term paper must be submitted in written form or in an electronic format specified by the examiners. The provisions of Subsection 2 Letter b shall apply. The written examination with a term paper may be conducted entirely or partly in electronic form. A written examination with a term paper in a 6-credit-point module is worth 3 credit points. If several pieces of work are required, the specified workload must not be exceeded.

l) In the case of a written examination involving project work, the project work serves to reflect on the skills initially demonstrated in the written examination, and to present the application of the module's learning objectives by independently processing a task or problem, from planning and execution to documentation of the results in written, oral or other form. The written examination with project work can be conducted entirely or partly in electronic form. A written examination with project work in a 6-credit-point module is worth 4 credit points. If several pieces of work are required, the specified workload must not be exceeded.

m) In the case of a collection of essays with a presentation, the presentation serves to review the skills initially demonstrated in the collection of essays and to demonstrate the application of the module's learning objectives in an oral format, with the aid of suitable presentation techniques. The collection of essays with a presentation can be conducted entirely or partly in electronic form. A written examination with a term paper in a 6-credit-point module is worth 4 credit points. If several pieces of work are required, the specified workload must not be exceeded.

n) In the case of a collection of essays accompanied by a written examination, the written examination serves to independently assess the module skills initially demonstrated in the collection of essays within the specified timeframe and only with the permitted aids. The collection of essays with a written examination can be conducted entirely or partly in electronic form. A collection of essays with a written examination in a 6-credit-point module is worth 4 credit points. If several pieces of work are required, the specified workload must not be exceeded.

(6) In appropriate cases, assessments may be conducted as group work or oral group examinations, at the discretion of the examiners, provided that the individual contribution of each group member can be clearly recognized, defined, and assessed.

(7) [1]In accordance with Section 15 Subsection 5, the examiners shall determine whether the examination is to be conducted in person or electronically, and whether video supervision is to be used. This information will be shared when announcing the examination date. [2]If there are important reasons, a different form of examination (electronic or in person) may be arranged in consultation with the PhD committee after the examination date has been set, provided it does not disadvantage the PhD candidates. [4]In the case of an examination conducted in electronic form, PhD candidates shall be given sufficient opportunity to familiarize

themselves with the electronic information and communication systems used in the respective examination before it begins. [5]With regard to data protection regulations and the implementation of video supervision, the provisions of the Regulations Governing Online Examinations and Video Supervision at the University of Cologne apply in their current version, with the exception of Section 5 Subsection 4 Sentences 1 and 2.

(8) [1]Disruptions to the examination process must be reported immediately in writing or electronically to the Chair of the PhD committee or the examiners. [2]This will be excluded if more than three working days have elapsed since the examination was taken.

Section 15 Registration and admission to PhD studies examinations.

(1) [1]Before being admitted to a module examination, candidates will be checked for eligibility. [2]Admission to, and participation in, a module examination shall be granted to PhD candidates enrolled in the PhD programme at the University of Cologne who have registered for the respective module examination in due time, in accordance with Subsection 4, and who fulfil any further requirements in accordance with Subsection 2, provided that there are no grounds for refusal in accordance with Subsection 3.

(2) [1]Admission to a module examination may be subject to the fulfilment of certain requirements. [2]The respective requirements for admission to a module examination are listed in the annex.

(3) [1]Admission to a module examination will be refused if the requirements of Subsection 1 or 2 are not met, if the module examination or a recognizable equivalent at the University of Cologne has already been passed, or if a resit deadline has been missed. [2]Admission to a module examination will also be refused if the PhD candidate has failed an examination required by the PhD degree regulations of their chosen programme at a higher education institution within the scope of the Basic Law, on their final attempt; or if they have lost the right to take the examination. The same applies to degree programmes that are significantly related in content to the previous programme. [3]In addition, admission to an examination must be refused if a PhD candidate is on leave of absence in accordance with Section 48 Subsection 5 HG, unless one of the exceptional cases listed in Section 48 Subsection 5 Sentences 4 and 5 HG applies.

(4) [1]Registration is required for each module examination; without registration, there is no guarantee that the candidate can participate in or be assessed for the examination. [2]As a rule, registration for a module examination must take place no later than six weeks before the examination date. [3]Notwithstanding the foregoing, Section 19 Subsection 4 shall apply.

(5) [1]The examination dates must be announced at the beginning of the lecture period, but no later than nine weeks before the examination date by means of a notice board or on the Internet in a suitable form. [2]Notwithstanding the foregoing: For oral module examinations, the examination periods must be specified at the beginning of the lecture period and the specific date no later than two weeks before the module examination. [3]PhD candidates who have been admitted to a module examination are entitled to attend a published examination date, except in cases of force majeure. [4]Notwithstanding the foregoing, Section 19 Subsection 4 shall apply.

(6) The Chair of the PhD committee decides on admission.

Section 16 De-registration, default and withdrawal from examinations as part of the PhD programme

(1) [1]The deadlines for withdrawing from module examinations shall be announced by the Chair of the PhD committee at least nine weeks before the examination date by means of a notice or on the Internet in a suitable form. [2]As a general rule, PhD candidates may withdraw from the module examination up to two weeks before the examination date at the latest, without providing a reason.

(2) [1]If a PhD candidate does not take part in a scheduled module examination without giving a valid reason or withdraws from the examination after it has started without giving a valid reason, the examination will be scored as a 'fail'. [2]The same applies if an examination is not completed within the allotted examination time. [3]For an examination to be deemed complete, it must be submitted electronically in full to the relevant body by the end of the examination time.

(3) [1]If a PhD candidate fails to take part in a module examination or withdraws from the module examination after it has begun, the Chair of the PhD committee may decide not to score the examination as a 'fail' if valid reasons are presented. [2]The same applies if an examination is not completed within the allotted examination time. [3]The reasons for delay or withdrawal must be immediately reported to the Chair of the PhD committee electronically or in writing, and must be substantiated. [4]In the event of illness, a doctor's note is required. [5]If there is any doubt, a medical attestation may be requested; the university will cover the costs. [6]The same applies in cases where a PhD candidate's child, spouse, registered partner, direct relative or first-degree relative by marriage is proven to be ill and requires care. [7]All other matters are regulated by the PhD committee.

Section 17 Assessment of examination performance

(1) [1]Examinations are graded by the examiners. [2]For examinations taken as part of a Master's degree programme, the assessment standards set out in the relevant Master's examination regulations apply. [3]The following scoring system shall be used:

1 = very good: excellent performance;

2 = good: performance that is significantly above the average requirements;

3 = satisfactory: performance that meets average requirements;

4 = sufficient: performance that still fulfils the requirements despite its shortcomings;

5 = unsatisfactory: performance that does not fulfil the requirements due to significant deficiencies.

[3]Intermediate values are formed for differentiated assessment by lowering or raising the individual grades by 0.3. [4]The grades 0.7; 4.3; 4.7 and 5.3 are excluded. [5]An examination is

considered passed if it has received a score of ‘sufficient (4.0)’ or better or has been assessed as ‘passed’.

(2) [1]In the case of combined examination formats (in accordance with Section 10 Subsection 5), an overall assessment of the examination performance shall be made. [2]The score is shown in accordance with Subsection 1.

(3) If a module examination consists of several examination elements, the assessment shall be carried out in accordance with the provisions set out in the annexes.

(4) Grades are shown with one decimal place; all further decimal places are omitted without rounding.

(5) The averaged scores are as follows:

from 1.0 to 1.5 = very good;

from 1.6 to 2.5 = good;

from 2.6 to 3.5 = satisfactory;

from 3.6 to 4.0 = sufficient;

above 4.0 = unsatisfactory.

Section 18 Announcing the examination results

(1) [1]PhD candidates are usually notified of their examination results within eight weeks. The assessment results are entered in the campus management system. [2]Any deviations from this rule must be recorded in the files. [3]Oral examination results shall be communicated to the PhD candidate directly following the examination.

(2) The PhD candidate shall be formally notified of final failure of the proposed module at the postal address stored in the campus management system, or electronically, and this notification shall be accompanied by information on appeal.

Section 19 Repeating module examinations

(1) [1]Failed module examinations may be taken again without restriction.

(2) In the case of repeat examinations and at the examiner’s request, the Chair of the PhD committee may specify a different examination format or different versions of the respective examination format.

(4) In the case of repeat examinations, deviations from the deadlines may be made in justified cases, in accordance with Section 15 Subsections 4 and 5.

(5) Repetition of passed module examinations is not permitted.

Section 20 Examiners, assessors of PhD studies

(1) [1]Examiners shall be appointed from amongst university lecturers and other persons pursuant to Section 65 Subsection 1 of the HG. [2]Only persons who hold the qualification being assessed by the examination, or an equivalent qualification, may assess examination performance. [3]Examiners who have left the University of Cologne and professors who have resigned, been dismissed 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. [4]Assessors may only be appointed if they hold a PhD, at minimum, or have acquired an equivalent qualification.

(2) [1]If they are a university lecturer at the University of Cologne or a member with a post-PhD qualification, a lecturer is the examiner for the course for which they are responsible and which they teach, unless the PhD committee appoints a different examiner. [2]Further members of the University of Cologne from the group of persons pursuant to Section 65 Subsection 1 of the HG may be appointed as examiners by the Chair of the PhD committee. [3]The Chair of the PhD committee appoints the assessors. [4]The appointment of examiners and assessors must be recorded.

(3) Examiners must specify the authorized work and aids for their examinations and announce these in a suitable manner well in advance, ideally when announcing the examination date.

(4) [1]The examiners are not subject to instructions when carrying out their examinations. [2]They and, if applicable, the assessors are subject to official secrecy. [3]If they are not in public service, they must be sworn to secrecy by the Chair of the PhD committee.

Section 21 Deception in an examination as part of PhD studies, breach of regulations

(1) [1]A PhD candidate who attempts to influence the assessment of an examination for their own or another's advantage by cheating, using unauthorized aids or committing scientific misconduct during the examination is committing an act of deception. [2]Unauthorized aids may be confiscated by the supervisors after completion of examination, to which the PhD candidate is entitled to. With consent of the PhD candidate, the aids may be confiscated or appropriately secured for the purpose of preserving evidence.

(2) [1]The PhD committee shall impose one of the following sanctions on the PhD candidate, depending on the severity of the cheating in accordance with Subsection 1:

a) a warning;

b) the PhD candidate must repeat the examination in which they were caught cheating;

c) the examination in which the cheating occurred will be assessed as a 'fail;

d) the examination in which the cheating occurred is declared as an irrevocable'fail';

e) the PhD candidate is excluded from taking further examinations, meaning they lose the right to take exams as part of the degree programme.

[2]In particular, the offence may be considered a serious violation in the event of the use of unauthorized aids, attempts to influence the examiner, or cases of plagiarism involving the deliberate concealment of sources by rephrasing original texts, rearranging syntax, or using synonyms. [3]Extensive use of technical aids such as internet-enabled mobile phones, repeated acts of deception across various examinations, organized collaboration between several people, adoption of another person's work as one's own, falsifying scientific work, and sabotaging examinations and research activities are considered to be particularly serious violations. [4]The chosen sanction is noted in the examination file.

(3) In the event of justified suspicion of plagiarism, the PhD committee may arrange for further inspections to be carried out, including electronic inspections, without the PhD candidate's consent. This may include the use of plagiarism detection software. [2]For this purpose, an electronic version of the examination may also be requested retrospectively. [3]Saving this information to the plagiarism detection software's databases after the respective assessment procedure requires the express consent of the PhD candidate. [4]Consent must be given voluntarily and is not a prerequisite for examination registration, submission or assessment. [5]The result of the inspection is saved in the PhD file. [6]The PhD committee may also review randomly determined samples. [7]The type of sampling must be documented.

(4) In accordance with Subsection 1, if a student is found to have cheated, the coursework in question will not be considered completed.

(5) [1]The respective examiners or supervisors can choose to issue a warning to a person who disrupts the inspection of examination performance. [2]If the warnings remain ineffective or if the disruption is severe, the PhD candidate may be excluded from taking further examinations. [3]In this case, the PhD committee may assess the examination as a 'fail'. [4]The reasons for the exclusion must be recorded.

(6) [1]If a PhD candidate attempts to change the outcome of an examination during an inspection, the examiner's original assessment shall remain valid. [2]In serious cases or cases of repeated offences, the PhD committee may declare that the PhD studies in the programme have failed overall.

(7) [1]Before the PhD committee makes a decision, the PhD candidate must be given the opportunity to speak. [2]The PhD candidate must be notified immediately of the decision, in writing or electronic format. The decision must be justified and must include information on appeal.

(8) [1]Administrative offence proceedings may also be initiated in accordance with Section 63 Subsection of the HG. [2]Attempting to influence the result of an examination on behalf of others is also an offence.

Section 22 Invalid examination results

(1) [1]If the requirements for admission to an examination were not met without the PhD candidate intending to cheat, and if this fact only becomes known after completion of the PhD procedure, this deficiency shall be remedied by passing the candidate. [2]If the PhD candidate has obtained admission through wilful misconduct, the PhD committee shall decide on the

legal consequences in accordance with the provisions of the Administrative Procedures Act of North Rhine-Westphalia (VwVfG NRW).

(2) If a PhD candidate is found to have cheated on an examination after the PhD procedure is complete, the PhD committee may withdraw that examination from assessment under the conditions of Section 48 of the VwVfG NRW. The committee may also impose a sanction in line with the severity of the cheating, in accordance with Section 21.

(3) [1]The PhD candidate shall be given the opportunity to make a statement before a decision is made in accordance with Subsections 1 and 2. [2]The PhD committee is responsible for the decision, which is made in accordance with the provisions of the Administrative Procedures Act of North Rhine-Westphalia (VwVfG NRW). [3]After a period of five years from the date of issue of the final transcript of records, a decision can no longer be made.

(4) The incorrect transcript of records and all incorrect attachments will be withdrawn and, if necessary, reissued.

Section 23 Completion of studies

(1) [1]The PhD programme is considered to have been successfully completed when all the required examinations have been passed and the necessary credit points have been earned, in accordance with Section 8 Subsection 2. [2]A transcript of records is issued for the degree programme passed.

(2) Proper and successful completion of the PhD studies in the PhD programme is a prerequisite for admission to the PhD examination in accordance with Section 24.

(3) [1]If a PhD candidate has failed, permanently failed or dropped out of the degree programme or has transferred to another university, a certificate (transcript of records) of the examinations taken and the credit points earned shall be issued upon their request. [2]If applicable, this certificate must indicate that the degree programme was not successfully passed or has been permanently failed.

PART III. PHD EXAMINATION

Section 24 Requirements for admission to the PhD examination

(1) The PhD examination consists of a dissertation in accordance with Section 25 and an oral examination (defence) in accordance with Section 28.

(2) To be admitted to the PhD examination, candidates must:

1. be a PhD candidate at the Faculty in accordance with Section 5;

2. have demonstrably fulfilled the pre-PhD studies imposed or pursuant to Section 3 Subsection 2;

3. have duly and successfully completed the PhD programme in accordance with Section 8; and

4. Have completed a dissertation in accordance with Section 25. This work must have not yet been the subject of an academic or state examination procedure.

Section 25 Dissertation

(1) The dissertation must be a piece of work in which the PhD candidate demonstrates the ability to carry out independent research, scientific work and a clear presentation of their own scientific findings.

(2) [1]The dissertation should be written in German or English. [2]In justified exceptional cases, it may be written in another language with the consent of both supervisors and the Chair of the PhD committee.

(3) [1]The dissertation can be written as a monograph or as a cumulative piece of work consisting of several essays. [2]Monographs are written by a single author. [3]At least one of contribution to a cumulative dissertation must be written solely by the PhD candidate. [4]In justified exceptional cases, this may be waived at the request of the supervisor; the PhD committee shall decide on the request. [5]Further provisions on cumulative dissertations can be found in Annex II to these regulations.

(4) [1]If the dissertation involves collecting or analysing primary data, the PhD candidate must securely store the central data and materials on which the research results are based, as well as any applicable research software, in accordance with the subject area's standards. These must be stored for at least 10 years. [2]If there are understandable reasons for not retaining certain data, the PhD candidate must provide an explanation for this.

(5) [1]A list of sources and aids used, a curriculum vitae and the following signed declaration must be attached to the dissertation at the end:

'I hereby declare in lieu of oath that I have completed this dissertation independently and without the use of any aids or literature other than those specified. No persons other than the co-authors listed in the paper were involved in the substantive preparation of this paper. All passages that are taken verbatim or are paraphrased from published and unpublished third-party works are labelled as such. I declare in lieu of oath that this dissertation has not yet been submitted to any other Faculty or university for examination; that it has not yet been published – apart from the stated partial publications and included articles and manuscripts – and that I will not publish the dissertation before completion of the PhD without the approval of the PhD committee. I am aware of the provisions of the PhD regulations of the PhD programme at the Faculty of Management, Economics and Social Sciences of the University of Cologne. Furthermore, I hereby declare that I have read the guidelines of the University of Cologne for safeguarding good scientific practice and that I have observed them during execution of the work on which the dissertation is based and in the written dissertation itself. I hereby undertake to observe and implement the guidelines stated therein in all scientific activities. I confirm that the submitted electronic version corresponds completely to the submitted printed version. I

assure you that I have told the truth to the best of my knowledge and have not concealed anything.'

[2]In the case of dissertations that include articles and manuscripts, only the parts written independently constitute the dissertation for insurance purposes. [3]If the declaration in lieu of oath is false, the legal consequences of Section 63 Subsection of the HG may apply.

(6) A PhD candidate's dissertation may only comprise one or more of their publications if their use in this way does not conflict with the rights of third parties. The dissertation is submitted by uploading it to the Campus Management System.

Section 26 Application for admission to PhD studies

(1) The PhD candidate's application for admission to PhD studies must be submitted electronically to the Chair of the Faculty's PhD committee.

(2) The following documents must be attached to the application (possibly as a scan or similar):

1. an electronic version of the dissertation,
2. in the case of a cumulative dissertation, confirmation from the supervisor that the requirements for a cumulative dissertation in accordance with Annex 1 to 3 have been met,
3. a summary of less than one page,
4. proof of data security in accordance with the guidelines of the University of Cologne on good scientific practice,
5. proof of successful completion of the PhD programme in accordance with Section 8.

(3) [1]After the PhD committee has reviewed the application for admission to PhD studies, the PhD candidate will receive an electronic notification of admission. [2]The PhD office will send the reviewers a digital copy of the dissertation in PDF format. [3]A rejection of the application for admission must be communicated to the PhD candidate in writing or electronic format. The decision must be justified and must include information on appeal.

Section 27 Assessment and evaluation of the dissertation

(1) [1]At least two reviews are obtained for the dissertation assessment. [2]The dissertation reviewers are appointed by the PhD committee, usually from the group of persons specified in Section 7, Subsections 3, 4 and 5. [3]At the request of the direct supervisor, members of the Faculty or research institutions with whom a cooperation agreement exists for a joint, contractually regulated graduate programme may appoint a professor from another Faculty at

the University of Cologne or another university as a reviewer. [4]At least one of the reviewers must be a full-time professor at the Faculty.

(2) The PhD committee may appoint additional reviewers, particularly for interdisciplinary dissertations.

(3) [1]At least one of the reviewers must not have been a co-author of any of the submitted articles. [2]In justified exceptional cases, this may be waived at the request of the supervisor; the PhD committee shall decide on the request.

(4) [1]Within two months, the reviewers submit justified, independent reviews to the PhD committee. [2]The reviews assess the research performance, describe the scientific progress achieved by the dissertation and evaluate the performance in an international comparison.

(5) In their reviews, the reviewers recommend whether the dissertation should be accepted or rejected (pass or fail).

(6) If the reviewers' recommendations differ, the PhD committee shall obtain a further independent review.

The reviewers can use electronic plagiarism software if there is reasonable suspicion of plagiarism.

(7) [1]If there are fundamental objections to the research approach, the execution of the research, the research results or their presentation that prevent the dissertation from being accepted, an expert assessor may recommend to the PhD committee that acceptance of the dissertation be made conditional upon prior revision. [2]If the PhD committee follows this recommendation, the dissertation must be revised within a period of 12 months. [3]This deadline may be extended in exceptional cases, provided that the PhD committee and the reviewers agree. [4]The original version must be resubmitted with the new version, along with any comments made by the reviewers.

(8) [1]If there are objections to the presentation and style of publication of the dissertation in the format submitted, a reviewer may recommend to the PhD committee that the acceptance of the dissertation be subject to amendment conditions, which must be fulfilled before publication. [2]These amendment requirements must be attached to the report in a separate document. [3]The amendment requirements must be fulfilled within six months of the defence. [4]The fulfilment of the amendment requirements is usually checked by the reviewers within a period of four weeks after submission of the amended dissertation. [5]If a reviewer deems that the requirements have not been met, the PhD committee will decide whether they are to be considered as such.

(9) [1]The reviews, along with the dissertation and any amendment conditions imposed in accordance with Subsection 9, shall be available for inspection by the Faculty's professors in printed or electronic form for five days. [2]They may lodge a justified objection within five days of the end of the display period.

(10) [1]If an objection is raised, the PhD committee may obtain a further expert opinion on the dissertation.

(11) [1]The final decision on whether to accept or reject the dissertation is made by the PhD committee. [2]If the dissertation is rejected, the PhD candidate will receive a written or electronic notification with information on appeal. [3]A rejected piece of work, along with all reviews, remains in the Faculty's files.

Section 28 Oral examination (defence)

(1) [1]If the work is accepted, an oral examination in the form of a defence takes place. [2]This helps determine whether the PhD candidate is able to substantiate the results developed in the dissertation, to elaborate on them and to place them in the context of the relevant subject area.

(2) [1]The defence is overseen by an examination committee. [2]The PhD committee appoints at least two of the reviewers pursuant to Section 27 Subsections 1, 2 and 3 as members of the examination committee and another full-time professor of the Faculty or a junior professor of the Faculty as Chair of the Examination Board. [3]In exceptional circumstances, the Chair of the PhD committee may appoint a deputy for a reviewer.

(3) [1]The defence should take place within three months of the final acceptance of the dissertation. [2]At the request of the PhD candidate, the oral defence may be conducted through electronic communication, provided that all parties involved have agreed to this.

(4) At the request of the PhD candidate and with the unanimous agreement of the examination committee, the defence may be held in English.

(5) [1]The defence is open to the university public unless the PhD candidate objects. [2]It is announced by notice on the Faculty notice board or on the Faculty's online portal. [3]The Chair of the examination committee admits an appropriate number of audience members. [4]If the PhD candidate agrees, the Chair may admit non-university members to the audience. [5]Audience members have no right to participate. [6]They are excluded from the announcement of the result. [7]The Chair of the examination committee may exclude members from the audience if proper delivery of the defence appears to be jeopardized. [8]The reasons for this must be noted in the minutes.

(6) [1]The defence begins with a 15- to 20-minute presentation by the PhD candidate, in which they present the dissertation's most important results. [2]The subsequent examination discussion covers both the presentation and the factual and methodological basis of the dissertation. [3]It may also refer to adjacent fields related to the subject of the dissertation. [4]The defence lasts between 1 and 1.5 hours.

(7) Immediately after the oral defence, the examination committee decides in a closed session whether the candidate has passed the examination based on their performance during the defence.

(8) If a PhD candidate fails to attend the oral examination without providing a valid reason, the examination will be deemed a 'fail'.

(9) [1]Failed defences may be repeated once. [2]The repeat examination must take place no later than six months after the original examination. [3]The date of the resit shall be determined by the PhD committee in consultation with the examination board. [4]If the candidate also fails the resit exam, they will fail the entire PhD and it will be terminated unsuccessfully. [5]The same applies if the PhD candidate is at fault for missing the resit deadline or failing to show. [6]The decision shall be communicated to the PhD candidate in writing or electronically and must be accompanied by information on appeal.

(10) [1]The subject matter and result of the oral examination must be documented and signed by all the examiners. [2]This can be done in electronic form.

Section 29 Result of the PhD examination

[1]The PhD candidate shall be notified of the examination result by the Chair of the PhD committee by means of a written or electronic certificate. [2]The certificate does not entitle the holder to use the PhD title. [3]Use of the PhD title requires the publication of the dissertation in accordance with Section 30 and completion of the PhD programme in accordance with Section 31.

PART IV. PUBLICATION AND COMPLETION OF THE PHD PROGRAMME

Section 30 Publication of the dissertation

(1) [1]After passing the PhD programme, the PhD candidate must publish the dissertation in an appropriate form. [2]Chapters that have already been published or accepted for publication can be replaced by a literature reference.

(2) Publication can take place in the following forms:

1. in electronic form on the university server KUPS;

2. by private printing and delivery of 26 bound copies to the University and City Library Cologne;

3. through publication by a publishing house with ISBN or ISSN and submission of five bound copies to the University and City Library Cologne.

(3) The publication must contain a note on the title page or on the back of the title page stating that it is a dissertation accepted by the Faculty of Management, Economics and Social Sciences at the University of Cologne. The reviewers and the date of the defence must also be stated.

(4) [1]Publication must take place within one year of passing the defence. [2]On justified request, the PhD committee may extend this period by one year at a time, up to a maximum of three years.

Section 31 Provisional right to use the title; awarding of the PhD degree

(1) [1]The PhD is completed when all PhD achievements have been passed, i.e. the dissertation has been accepted and the defence has been passed.

(2) [1]After publication of the dissertation in accordance with Section 30, the graduate receives a certificate of the awarding of the PhD degree, signed by the Dean and bearing the seal of the Faculty, which contains the title of the dissertation, the date of the last examination and the date of issue. [2]In the case of a PhD with another university, a non-university research institution or a university of applied sciences, the PhD certificate should bear the seal of the Faculty and that of the partner institution, indicating that the PhD degree is awarded by the Faculty. [3]The PhD is completed with the awarding of the certificate.

(3) [1]If the PhD has been passed but not yet published, the dean may, upon application, grant the PhD candidate permission to use the PhD degree provisionally; this requires proof that publication is assured and will take place in the foreseeable future. [2]Proof is provided through submission of a publishing contract. [3]Permission is granted on condition that the dissertation is published within the time limits specified in Section 30 Subsection 4. [4]It may be withdrawn if the PhD candidate unduly delays or makes publication impossible through his or her behaviour.

Section 32 Renewal of the PhD certificate

The Faculty may ceremoniously renew the PhD certificate on the 50th anniversary of the awarding of the PhD.

PART V. HONORARY PHD

Section 33 Honorary PhD

(1) [1]The procedure for an honorary PhD is initiated by written application from at least two full-time professors of the Faculty. [2]Applicants must demonstrate the exceptional academic achievements required in accordance with Section 2 Subsection 4.

(2) Awarding an honorary PhD requires a decision by the Faculty Council, with at least two-thirds of professors present in favour of the application.

(3) The Dean confers the honorary PhD by presenting a certificate honouring the merits of the PhD candidate.

PART VI. COOPERATION AGREEMENTS

Section 34 Cooperation with a university in Germany or abroad or with a university of applied sciences

(1) [1]Admission to a joint PhD programme with another university in Germany or abroad or with a German university of applied sciences requires prior admission as a PhD candidate at the Faculty in accordance with Section 5. [2]Admission to the joint PhD programme is then granted by mutual agreement between the Faculty and the partner university or partner university of applied sciences in Germany or abroad.

(2) [1]The conditions of the joint PhD programme can be set out either in a framework agreement between the University of Cologne and the Faculty or in an individual agreement between the Faculty or the University and the university in Germany or abroad or the German university of applied sciences. [2]The relevant agreements are drawn up by, or in cooperation with, the PhD committee and must be approved by the Faculty Council.

(3) A joint PhD procedure involves the joint assessment of the dissertation and a joint defence, in accordance with the Faculty's PhD regulations.

(4) [1]The cooperation agreement may contain provisions that deviate from these PhD degree regulations, in which case these provisions shall take precedence. [2]Unless otherwise stipulated in the respective cooperation agreement, the provisions of these regulations shall apply. [3]Please note the following:

1. The PhD candidate is supervised by at least one full-time professor from the Faculty and at least one university lecturer from either the university abroad or the German university of applied sciences

2. In consultation with the partner university, the PhD committee may appoint additional reviewers to assess the dissertation. Section 27 Subsections 1 and 2 shall otherwise remain unaffected.

3. If the assessment systems of the partner universities differ in the case of cooperation with a German or foreign university, a joint assessment system must be contractually agreed.

4. Deviations from the provisions of Section 28 may be agreed for the composition of the examination board for the oral examination (defence).

5. In the case of a PhD with a German or foreign university, a joint, bilingual PhD certificate will generally be issued upon successful completion of the PhD and publication of the dissertation. This certificate will indicate the joint PhD programme at the University of Cologne and the other German or foreign partner university, as well as the jointly awarded PhD degree or the PhD degree to be held in the respective country. It will be signed and sealed by both cooperation partners. If a joint PhD certificate cannot be issued, two certificates referring to the binational PhD programme will be issued instead. These certificates are only valid together and confirm that only one PhD degree will be awarded, which can be held either in German or in the form of the partner university in Germany or abroad. If two

certificates are issued, the result of the PhD examinations and the overall result can also be shown according to the assessment system of the issuing university.

6. In the case of a PhD awarded by a German university of applied sciences, the PhD certificate should bear the seal of the Faculty and that of the German university of applied sciences, indicating that the PhD degree is awarded by the Faculty of Management, Economics and Social Sciences of the University of Cologne.

PART VII. FURTHER REGULATIONS

Section 35 PhD committee

(1) The PhD committee is responsible for decisions on PhD matters, unless otherwise stipulated in these PhD regulations. It is also responsible for organizing the examinations that originate in the PhD programme and the tasks assigned by these regulations.

(2) The following are voting members of the PhD committee:

1. the Dean, as the Chair. The deputy chair is the Vice-Dean for Research;

2. three additional members from the group of university lecturers, including one representative each from business administration, economics and social sciences;

3. one member with a PhD from the group of academic staff;

4. one member from the group of students who is a PhD candidate and may not simultaneously belong to the group of academic staff;

5. one member from the group of technical and administrative staff.

(3) A deputy must be elected for each of the members entitled to vote in accordance with Subsection 2 Items 2–5.

(4) [1]The voting members of the PhD committee and their deputies are elected separately by the Faculty Council on the recommendation of the respective groups. [2]The term of office for members from the university lecturers' group, the academic staff group (including members with a PhD) and the technical and administrative staff group is four years. The term of office for the student representative is one year. [3]Re-election is permitted. [4]The term of office of a deputy ends with the term of office of the corresponding member. [5]If a member or deputy member leaves prematurely, a successor is elected for the remaining term of office.

(5) [1]The CGS Managing Director and the Head of the PhD office are members of the PhD committee in an advisory capacity. [2]The Chair may invite other persons to the meetings in an advisory capacity if this appears relevant.

(6) [1]The PhD committee has a quorum if, in addition to the Chair or their deputy, at least half of the voting members are present. [2]The PhD committee decides by a simple majority of the voting members present at the meeting. [3]In the event of a tie, the Chair must give the casting vote. [4]The member of the PhD committee from the group of technical and

administrative staff only has voting rights in matters relating to the PhD programme if he/she performs corresponding functions at the university. [5]The Chair shall decide whether these requirements have been fulfilled at the beginning of the member's term of office, and the Rectorate shall decide in cases of doubt. [6]The voting member from the group of students does not vote on pedagogical-scientific decisions, the assessment and recognition of examination results, the determination of examination tasks and related objection decisions.

(7) [1]The meetings of the PhD committee are not public and take place in person or via electronic communication. [4]In the case of meetings held via electronic communication, the Chair may decide that resolutions are to be adopted in the same way. This decision can be overruled by a resolution of the body. [6]Resolutions may also be passed by circular resolution, provided that no member objects. [7]The members of the PhD committee and their deputies are subject to official secrecy. [8]If they are not in public service, they must be sworn to secrecy by the Chair.

(8) The managing body of the PhD committee is the PhD office of the Faculty.

(9) [1]The Chair of the PhD committee, or their deputy if they are unable to attend, represents the committee, convenes its meetings, chairs them, and implements the resolutions adopted at them. [2]The PhD committee may delegate the fulfilment of its tasks to the Chair for all standard cases. [3]In urgent cases, the Chair may conduct a vote by circular resolution. [4]Decisions on appeals are reserved for the PhD committee. [5]Minutes shall be taken for each meeting of the PhD committee.

(10) The Chair of the PhD committee shall announce directives, deadlines and time limits as well as other notifications of the PhD committee that do not only affect individual persons with legally binding effect by means of a notice board or other suitable means.

(11) Legally binding information on examination requirements, PhD studies and examination results is provided by the Chair of the PhD committee, their deputy, the CGS Managing Director or the Head of the PhD office.

Section 36 Advice & support for students

(1) Legally binding information on the PhD programme is provided by the Chair of the PhD committee or the Managing Director of the Cologne Graduate School (CGS).

(2) The CGS Managing Director and the PhD office are available to advise students.

(3) [1]The PhD study advisory services are carried out by the university lecturers and academic staff involved in the training for this PhD study programme during office hours. [2]The office hours are announced on notice boards or on the Internet.

(4) The student union (AStA) and the Faculty Student Association provide guidance on general queries relating to the organization of studies.

(5) [1]For special queries relating to foreign PhD candidates, please contact Division 9: International Affairs at the University of Cologne. The Faculty also offers advisory services

through its institutions. [2]The Faculty's Recognition Centre is available for advice on the recognition of examinations taken abroad.

(6) Students can take advantage of the psychosocial counselling service of the Kölner Studierendenwerk in the event of personal, study-related difficulties.

(7) PhD students with disabilities or chronic or mental illnesses may seek advice from the University Administration (Service Center Inclusion) and the Representative for Students with Disabilities and Chronic Illnesses.

Section 37 Registration

[1]Applicants and PhD candidates are required to participate in the business processes and procedures employed by the University of Cologne. [2]Please refer to the data protection regulations and Section 6 of the enrolment regulations of the University of Cologne, as amended. [3]Admission as a PhD candidate and application for admission to PhD studies requires full registration and submission of all information in accordance with the Higher Education Statistics Act in the University of Cologne's registration and administration software for PhD candidates. [4]Once a year, the data stored in the system must be updated by all PhD candidates in the manner specified by the PhD office.

Section 38 Reasonable adjustments and protective provisions

(1) In order to ensure equal opportunities, the special interests of PhD candidates with disabilities, chronic or mental illnesses, or who are subject to the provisions of maternity protection law, shall be taken into account.

(2) [1]If a PhD candidate credibly demonstrates that they are unable to participate in an examination in the intended form or to the intended extent due to prolonged or permanent illness or disability, they shall be granted reasonable adjustments upon submission of a written or electronic request to the Chair of the PhD committee. [2]A specialist medical attestation may be required for this purpose. This applies accordingly with regard to deadlines and dates, obligations to attend courses and coursework to be completed. [3]The application must be submitted immediately after the conditions have been met.

(3) [1]In accordance with the maternity protection law and the deadlines of the Federal Parental Allowance and Parental Leave Act (in the respective applicable version), the use of the protective provisions shall be permitted upon written application to the Chair of the PhD committee. [2]Taking examinations is possible in these cases despite leave of absence. [3]If a PhD candidate can credibly demonstrate that they are unable to take part in an examination in the intended form or to the intended extent due to maternity protection law, they will be granted reasonable adjustments upon submission of a written or electronic request to the Chair of the PhD committee. [4]A specialist medical attestation may be required for this purpose. [5]This applies accordingly with regard to deadlines and dates, participation obligations in courses and coursework to be completed. [6]The application must be submitted immediately after the conditions have been met.

(4) [1]Special concerns resulting from the need to care for or provide for a spouse, registered partner, direct relative or first-degree relative by marriage shall be given appropriate consideration, in particular with regard to deadlines and dates, participation obligations in courses and coursework to be completed. [2]The application must be submitted immediately after the conditions have been met.

(5) [1]The applications pursuant to Subsections 2 to 4 shall be comprehensively substantiated by the PhD candidate, providing appropriate evidence. [2]Applications must be submitted to the Chair of the PhD committee within a reasonable period of time before the work is completed. [3]Unless an improvement or deterioration in the illness or disability is expected, compensation for disadvantages should cover all examinations and participation requirements during the degree programme.

Section 39 PhD thesis files, access to files and retention periods

(1) [1]A PhD file shall be kept for each PhD candidate. [2]The PhD file contains documents relating to registration and admission to the PhD programme and the PhD examination procedure, the dissertation and expert opinions on it, the defence examination committee, the defence protocol, the evaluation of the dissertation and defence, and the calculation of the overall PhD grade. It also contains proof of publication of the dissertation and copies of certificates and diplomas. [3]The PhD file is kept in writing, or electronically, either in full or in part.

(2) A PhD candidate may obtain information on the status of their examination results at any time, provided it is within organizational capabilities.

(3) [1]After the examination result has been announced, each PhD candidate or their authorized representative may request electronic or physical access to their written work for this examination, the related reports and the examiners' correction notes, as well as the minutes of the oral examination. A PhD candidate or their authorized representative is entitled to either make copies or photographs of the documents or to request these free of charge as part of the assessment of the files. [3]The PhD committee shall regulate the procedure for inspection and discussion of the assessment, including appropriate deadlines. [4]Once the specified deadlines have expired, it will only be possible to inspect and discuss the assessment if it can be demonstrated that the PhD candidate was not responsible for missing the deadline. [5]Data protection provisions remain unaffected.

(4) [1]With the exception of the provisions in Sentence 2, the PhD file shall be retained until the end of the fifth year following the awarding of the PhD degree, after which it shall be offered to the competent archive. If the archive refuses to accept it, it must be destroyed. [2]Written examination documents, including associated evaluation documents, should be sent to the archive two years after the evaluation has been completed, unless there is an ongoing legal dispute. The same applies to electronic versions. If the archive refuses to accept them, they must be destroyed.

(5) [1]Examination questions, correction notes and examiners' reports of which a PhD candidate becomes aware may not be passed on to third parties or published if they are

protected by copyright. [2]This does not affect legitimate interests in legal protection, for example disclosure to an authorized lawyer.

Section 40 Withdrawal and non-awarding of PhD degrees; revocation of PhD degrees; and withdrawal of admission to PhD studies

(1) [1]The PhD degree may be withdrawn, the awarding of the PhD degree may be revoked, the PhD may be assessed as a 'fail' and admission as a PhD candidate may be withdrawn,

a) if it subsequently transpires that the PhD candidate or graduate has deliberately misrepresented the existence of essential requirements for admission to PhD studies or admission to the PhD programme;

b) if it subsequently transpires that the PhD degree was obtained on the basis of incorrect information about the essential requirements of the PhD or by means of deception;

c) if it subsequently transpires that the graduate was guilty of deception in the fulfilment of the PhD requirements;

d) if the competent authority of the University of Cologne has established academic misconduct in connection with the dissertation.

(2) [1]If circumstances become known that may justify the withdrawal or non-awarding of the PhD degree, the assessment of the examination results as a 'fail' or the withdrawal of the admission in accordance with Subsection 1, the Faculty Council shall make the decision in a closed meeting by simple majority. [2]The graduate or PhD candidate is given the opportunity to comment beforehand. [3]The PhD committee must be consulted prior to the decision. [4]The decision should be taken within one year of becoming aware of the facts justifying the non-awarding or withdrawal. [5]If the PhD was awarded in cooperation with a foreign partner university, the decision on withdrawal shall be made with the involvement of the partner university. [6]The provisions of the Administrative Procedures Act of North Rhine-Westphalia (VwVfG NRW) shall apply to this procedure.

(3) Following the decision to withdraw the PhD degree, the PhD certificate shall be declared invalid and should be confiscated.

Section 41 Ombudsperson

(1) In all cases of conflict that cannot be resolved between the involved parties, the PhD candidate or the first or second supervisor can contact the Faculty's ombudsperson, who should attempt to resolve conflicts by mutual agreement.

(2) [1]The Faculty Council elects an ombudsperson and a deputy. [2]The ombudsperson is elected for a term of four years and may be re-elected. [3]If the ombudsperson or deputy resigns during the term of office, a new election shall be held.

PART VIII. TRANSITIONAL PROVISIONS AND ENTRY INTO FORCE OF THE REGULATION

Section 42 Transitional provisions

(1) These PhD regulations apply to all those who have applied for admission to the PhD programme after these regulations come into force.

(2) [1]These PhD regulations also apply to all PhD candidates who were admitted as PhD candidates by the Faculty before these regulations came into force. [2]PhD candidates admitted in accordance with the 2022 PhD programme regulations (Official Bulletins 54/2022) of 1 August 2022 are automatically transferred to these regulations.

(3) If courses from the PhD programme were successfully completed before the regulations came into force, these will be recognized.

Section 43 Publication and entry into force

These Regulations shall enter into force on the day following their publication in the Official Bulletins of the University of Cologne. [2]On 1 October 2025, the 2022 PhD programme regulations (Official Bulletins 54/2022) of 1 August 2022 shall expire. [3]Section 42 Subsection 2 remains unaffected.

[3]Executed on the basis of a resolution by the Faculty Council of the Faculty of Management, Economics and Social Sciences at 26.06.2025, following an examination of its legality by the Rectorate at 05.08.2025.

Cologne, 5.08.2026
Dean
of the Faculty of Management, Economics and Social Sciences at the University of Cologne
University Professor Ulrich W. Thonemann, PhD

ANNEX I

Overview of the notes

Annex 1.1 PhD programme

Annex 2.2 Subject-specific annex PhD programme

Annex 1.1 PhD programme

In the PhD programme, candidates must acquire a total of 60 credit points. Of these, 30 must be acquired in the core subject area and 30 in the specialization area. A reading group must also be completed.

Group	Module	CP	CM/CEM	Target CP	
Core subject area	BM Advanced Microeconomics	6	CM	30	
	BM Advanced Econometrics	6	CM		
	BM Advanced Macroeconomics	6	CM		
	BM Advanced Public Policy	6	CM		
	BM Behavioural Economics and Survey Experiments	6	CM		
Specialization area	SM Advanced Mathematics	6	CEM	24	30
	SM Advanced Public Economics	6	CEM		
	SM Behavioural Finance	6	CEM		

	SM Beliefs in the Labour Market	6	CEM		
	SM Economic Design	6	CEM		
	SM Empirical Public Finance and Policy Evaluation	6	CEM		
	SM Energy and Environmental Economics	6	CEM		
	SM Frontiers in Economic Research	6	CEM		
	SM Market Design and Behaviour VI	6	CEM		
	SM Political Economics and Media Economics	6	CEM		
	BM People Analytics & Econometrics	6	CEM		
	SM Selected Topics in Economic Research I	6	CEM		
	SM Selected Topics in Economic Research II	6	CEM		
	SM Empirical Methods and Data Analysis II[1]	6	CEM		
	SM Empirical Methods and Data Analysis III	6	CEM		
	SM Selected Methods in Economic Research I	6	CEM		
	SM Selected Methods in Economic Research II	6	CEM		
	SM Graduate Research Seminar: Empirical Microeconomics, Public and Behavioural Economics	6	CEM	6	
	SM Graduate Research Seminar: Theory, Applied Theory and Macroeconomics	6	CEM		

	SM Graduate Research Seminar: Econometrics and Statistics	6	CEM		
	SM Graduate Research Seminar: Energy Economics	6	CEM		

Annex 1.2 Subject-specific annex for the PhD programme

The regulations governing the individual examination formats, in particular their scope and duration, can be found in Section 14.

	Module title	Module participation requirements	Start/Cycle/Duration of the module	Types of courses and attendance obligations (TP, maximum absences)	Examination requirements	Examination elements | Type of examination | Duration | Language of the module	Experimental restriction	Compulsory module (CM) | Compulsory elective module (CEM)	Module credit points | Total credit points in compulsory elective areas	Weighting of the module grade in the section grade
Core subject area										
1289MBAMIC	BM Advanced Microeconomics	None	Every 2nd semester Winter Term 1 semester	Lecture & Exercise	None	English language Written examination: Written exam (60 min.)	None	CM	6	6 / 30
1314MBAEME	BM Advanced Econometrics	None	Every 2nd semester Winter Term 1 semester	Lecture & Exercise	None	English language Written examination: Written exam (90 min.)	None	CM	6	6 / 30
1302MBAMAC	BM Advanced Macroeconomics	None	Every 2nd semester Winter Term 1 semester	Lecture & Exercise	None	English language Written examination: Written exam (90 min.)	None	CM	6	6 / 30
1302MBAPP1	BM Advanced Public Policy	None	Every 2nd semester Winter Term 1 semester	Lecture & Exercise	None	English language	None	CM	6	6 / 30

						Written examination: Written exam (90 min.)				
1289MBBESE	BM Behavioural Economics and Survey Experiments	None	Every 2nd semester Winter Term 1 semester	Lecture & Exercise	None	English language Written examination: Written exam (90 min.)	None	CM	6	6 / 30
Specialization area										
1302MSAMT1	SM Advanced Mathematics	None	Every 2nd semester Winter Term 1 semester	Lecture & Exercise	None	English language Written examination: Written exam (90 min.)	None	CEM	6	6 / 30
1302MSAPE1	SM Advanced Public Economics	None	Every 2nd semester Winter Term 1 semester	Lecture & Exercise	None	English language Combined examination: Project work	None	CEM	6	6 / 30
1289MSBEF1	SM Behavioural Finance	None	Every 2nd semester Summer term 1 semester	Lecture & Exercise	None	English language Written examination: Written exam (60 min.)	None	CEM	6	6 / 30
1287MSBLM1	SM Beliefs in the Labour Market	None	Irregular 1 semester	Lecture & Exercise	None	English language Written examination: Written exam (60 min.)	None	CEM	6	6 / 30
1289MSECD1	SM Economic Design	None	Every 2nd semester Summer term 1 semester	Lecture & Exercise	None	English language Combined examination: Written exam with term paper	None	CEM	6	6 / 30

1287MSEPF1	SM Empirical Public Finance and Policy Evaluation	None	Every 2nd semester Winter Term 1 semester	Research project	None	English language Written examination: Portfolio	None	CEM	6	6 / 30
1289MSEEE1	SM Energy and Environmental Economics	None	Every 2nd semester Summer term 1 semester	Lecture & Exercise	None	English language Combined examination: Presentation with written exam	None	CEM	6	6 / 30
1289MSSDE1	SM Frontiers in Economic Research	None	Every 2nd semester Summer term 1 semester	Lecture & Exercise	None	English language Combined examination: Presentation with written elaboration	None	CEM	6	6 / 30
1289MSMDB6	SM Market Design and Behaviour VI	None	Every 2nd semester Summer term 1 semester	Lecture & Exercise	None	English language Combined examination: Project work	None	CEM	6	6 / 30
1302MSPME1	SM Political Economics and Media Economics	None	Every 2nd semester Summer term 1 semester	Lecture & Exercise	None	English language Written examination: Written exam (90 min.)	None	CEM	6	6 / 30
1253MBPAE1	BM People Analytics & Econometrics	None	Every 2nd semester Winter Term 1 semester	Lecture & Exercise	None	English language Combined examination: Project work	None	CEM	6	6 / 30
1287MSSTE1	SM Selected Topics in Economic Research I	None	Irregular 1 semester	Seminar	None	English language Combined examination: Presentation with written	None	CEM	6	6 / 30

						elaboration				
1287MSSTE2	SM Selected Topics in Economic Research II	None	Irregular 1 semester	Lecture & Exercise	None	English language Written examination: Written exam (60 min.)	None	CEM	6	6 / 30
1314MSEMD2	SM Empirical Methods and Data Analysis II	None	Every 2nd semester Summer term 1 semester	Lecture	None	English language Combined examination: Term paper with presentation Written examination: Written exam (90 min.)	None	CEM	6	6 / 30
1314MSEMD3	SM Empirical Methods and Data Analysis III	None	Every 2nd semester Summer term 1 semester	Lecture & Exercise	None	English language Written examination: Written exam (90 min.)	None	CEM	6	6 / 30
1287MSSME1	SM Selected Methods in Economic Research I	None	Irregular 1 semester	Seminar	None	English language Combined examination: Presentation with written elaboration	None	CEM	6	6 / 30
1287MSSME2	SM Selected Methods in Economic Research II	None	Irregular 1 semester	Lecture & Exercise	None	English language Written examination: Written exam (60 min.)	None	CEM	6	6 / 30
1289MSGRMI	SM Graduate Research Seminar: Empirical Microeconomics, Public	None	Every semester 1 semester	Seminar	None	English language	None	CEM	6	6 / 30

	and Behavioural Economics					Combined examination: Presentation with written elaboration				
1302MSGRMA	SM Graduate Research Seminar: Theory, Applied Theory and Macroeconomics	None	Every semester 1 semester	Seminar	None	English language Combined examination: Presentation with written elaboration	None	CEM	6	6 / 30
1314MSGREC	SM Graduate Research Seminar: Econometrics and Statistics	None	Every semester 1 semester	Seminar	None	English language Combined examination: Presentation with written elaboration	None	CEM	6	6 / 30
1289MSGREE	SM Graduate Research Seminar: Energy Economics	None	Every semester 1 semester	Seminar	None	English language Combined examination: Presentation with written elaboration	None	CEM	6	6 / 30

ANNEX II

Provisions on the cumulative dissertation

1. Definition

[1]A cumulative dissertation exists if the results of the dissertation are not presented in the form of a monograph, but in the form of a collection of usually three or more scientific articles. [2]The articles may already be published, accepted for publication, submitted for peer review or suitable for submission. [3]The publication should not date back more than six years.

2. Submission of a cumulative dissertation

(1) The introduction and individual essays should be submitted together as a *single* document.

(2) The pages must be consecutively numbered across the various essays.

(3) [1]The dissertation must contain an introduction. [2]This refers to all essays submitted as part of the dissertation as a whole. [3]It should make clear which overarching question links the individual essays, and which aspects each essay will cover.

(4) The following information must be provided for all essays included in the dissertation:

(a) Full names and titles of all authors

(b) Title of the essay

(c) Complete bibliography for published articles

(5) The essays must be preceded by a short summary (abstract).

(6) [1]If co-authors have contributed to individual articles, the PhD candidate's specific contributions to each article must be clearly and thoroughly described in a separate section. This could include aspects such as the conception of the article, theoretical considerations, model development, data collection, empirical analysis and writing. [2]The co-authors must be informed of these explanations and given the opportunity to comment within two weeks of receiving the information if they object to the presentation.

(7) The bibliography contains all publications cited in the dissertation.

3. Requirements for a cumulative dissertation

[1]At least one contribution to the cumulative dissertation must be written solely by the PhD candidate. [2]In justified exceptional cases, this may be waived at the request of the supervisor; the PhD committee shall decide on the request.

4. Information on Section 27 Subsection 3

[1]At least one of the reviewers must not be a co-author of one of the submitted articles. [2]In justified exceptional cases, this may be waived on request; the PhD committee shall decide on the request.