

THIS TRANSLATION OF THE 'Prüfungsordnung für den Promotionsstudiengang des PhD Programms der Wirtschafts- und Sozialwissenschaftlichen Fakultät der Universität zu Köln vom 01.08.2022' IS NOT LEGALLY BINDING.

**Examination Regulations
for the doctoral studies of the PhD programme
of the Faculty of Management, Economics and Social Sciences of the University of
Cologne of 01 August 2022**

Pursuant to Section 2 subsection 4 and Section 64 of the Higher Education Act of the State of North Rhine-Westphalia (Hochschulgesetz - HG) outlined in the Higher Education Act Future Development Act (Hochschulzukunftsgesetz - HZG NRW) of 16 September 2014 (GV. NRW. p. 547), last amended by Article 1 of the Act on the Further Amendment of the Higher Education Act and the Higher Education Act for the Arts of 25 November 2021 (GV. NRW. p. 1210a), the Faculty of Management, Economics and Social Sciences has issued the following regulations:

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Section 1

Regulatory scope

¹These examination regulations govern the course of study and the examination procedure in the doctoral studies of the PhD programme of the Faculty of Management, Economics and Social Sciences at the University of Cologne. In order to obtain the doctoral degree, the provisions of the Doctoral Regulations for the PhD programme of the Faculty of Management, Economics and Social Sciences of 01 August 2022 (AM 54/2022) apply in addition in their currently valid version. ²The requirements of the modules are regulated in the annexes. The annexes are part of these examination regulations.

Section 2

Study objective

¹The doctoral studies programme within the PhD programme prepares candidates for future scientific work. ²The PhD students acquire the competence to reflect on their own questions and problems in their respective subject areas in a theory-guided manner and to develop rationally justified concepts and solutions in a method-guided manner. ³The doctoral candidates acquire the necessary knowledge and competences that enable them to exercise good research practice and to act responsibly in science in accordance with the 'Guidelines of the University of Cologne on Good Research Practice' (Official Bulletins of the University of Cologne 08/2022) in the currently valid version.

Section 3

Start of studies, standard period of study, organization of studies

(1) Admission to the PhD programme and admission as a doctoral candidate is regulated in the Doctoral Regulations for the PhD programme of the Faculty of Management, Economics and Social Sciences of 01 August 2022 (AM 54/2022) in its currently valid form.

(2) ¹Doctoral studies within the PhD programme can be started in the summer and winter semester. ²As a rule, the maximum duration of the entire doctorate according to Section 2 of the doctoral regulations for the PhD programme should not exceed six years.

(3) The language of study is generally English.

Section 4

Design and structure of the degree programme

(1) In the doctoral studies programme of the PhD programme, at least 60 credit points must be acquired in accordance with Section 6.

(2) The structure of the doctoral studies programme is regulated in the annexes to these examination regulations.

(3) ¹Studies are conducted in accordance with the respective regulations in the annexes to these examination regulations. ²If one or more modules from a Master's degree programme are taken in the PhD programme, the regulations of the respective Master's examination regulations apply to them.

Section 5 Modules

(1) The doctoral studies programme is structured in modules.

(2) ¹Modularization is the grouping of subject areas into thematically and chronologically related, self-contained teaching units with credit points (LP). ²The contents of a module shall be compiled in such a way that they can usually be taught within one semester.

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

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

1. Basic modules serve to impart fundamental knowledge,
2. Specialization modules serve to deepen the acquired knowledge and one's own skills with regard to the pursued doctorate.

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

1. Compulsory modules (Pflichtmodule) are compulsory to study; they are identified as such in the annexes,
2. Compulsory elective modules (Wahlpflichtmodule) are to be selected from a given list and are to be studied compulsorily in accordance with the provisions in the annexes; they are identified as such in the annexes.

(6) ¹Regulations on the individual modules as well as on the examinations concluding them are named in the annexes. ²These include in particular:

1. Module identification number,
2. Title of the module,
3. Module participation requirements,
4. Start of the module,
5. Frequency of the module,
6. Duration of the module in semesters,
7. Course forms of the module and participation requirements,

8. Examination requirements,
9. Form of examination, characteristics and duration of the module examination, examination elements, if applicable, and their passing and repetition modalities,
10. Exam language,
11. Trial restrictions,
12. Marking as compulsory or compulsory elective module,
13. Credit points of the module,
14. Prerequisites for the award of credit points,
15. For compulsory elective modules: Proportion of the credit points of the module to the credit points in the relevant compulsory elective area.

(7) ¹As a rule, modules are concluded with an examination. ²The module examination usually consists of one examination element.

Section 6

Credit point system and general criteria for awarding credit points

(1) ¹Successful participation in modules is certified by the award of credit points. ²Credit points are calculated according to the expected workload required of the doctoral candidates and are a quantitative measure of the overall workload of the doctoral candidates. ³They include the time required both for attending the courses and for preparing and following up the course material (attendance and self-study), exam preparation and the examination workload, including the final and seminar papers and, if applicable, the internships. ⁴Credit points are equivalent to credits according to the European Credit Transfer and Accumulation System. One credit point corresponds to an average workload of approximately 30 hours.

(2) ¹Credit points are awarded if the study and/or examination achievements required in the respective module have been proven or passed. ²Section 48 (5) HG applies to the acquisition of credit points in the case of leave of absence.

(3) The same courses cannot be included in the credit of more than one module.

Section 7

Courses

(1) Courses are usually offered in the following forms:

1. Lecture: Coherent presentation and teaching of basic and specialized scientific knowledge and methodological skills.

2. Seminar: Discursive engagement with fundamental or advanced questions.
3. Tutorial: Course accompanying a lecture or seminar. Discussion of given exercises and deepening of learning content through independent work or acquisition and deepening of knowledge through working on tasks or conducting experiments.
4. Research seminar: discursive engagement with further questions similar to an international scientific conference.

(2) The course forms according to subsection 1 may be offered in combined form.

(3) ¹If it is necessary to limit the number of participants in a course because of its nature or purpose or for other reasons of research, artistic development projects or teaching, and if the number of applicants exceeds the capacity, the number of participants may be limited in accordance with Section 59 subsection 2 HG. ²In this case, doctoral candidates who are dependent on attending a course at that time in their studies shall be given priority. ³In this case, the admission of participants to courses at the Faculty of Management, Economics and Social Sciences shall take place in accordance with the provisions of the Regulations on Restricted Participation in Courses at the Faculty of Management, Economics and Social Sciences in the currently valid version. ⁴Within the scope of the available resources, it shall be ensured that, as far as possible, doctoral students do not lose any time due to the restrictions on the number of participants.

(4) ¹Admission to an examination or the awarding of credit points may require regular participation in courses in modules and their examination. ²The applying corresponding provisions are laid out in the annexes. ³Requiring regular attendance is only permissible if it is reasonable and the learning objective can only be achieved through regular attendance. ⁴This is usually the case if at least one of the following reasons applies:

1. The obligation to demonstrable regular participation in modules or courses results from the initiation and practice of academic discourse, which are the primary and formative element and essential learning objective of the module or course. Scientific discourse is characterized by the presentation of scientific questions and argumentations and one's own position as well as critical reflection and mutual exchange about what has been presented.
2. The obligation to demonstrable regular participation in modules or courses results from the educational design of the course, which, in order to achieve the learning objective, provides for permanently participative, interactive and cooperative teaching and learning formats as well as reflection on the contents and results under guidance.
3. The obligation of demonstrable regular participation in modules or courses results from the necessity of acquiring practical skills and abilities that cannot be acquired in any other way, as well as their testing, practice and reflection under guidance.
4. The obligation of demonstrable regular participation in modules or courses results from the need to practise sign language or oral or written language skills and abilities

as well as their practical linguistic execution and reflection in the context of communicative and personal interaction under guidance.

5. The obligation to demonstrably participate regularly in modules or courses results from the necessity of examining content-relevant objects and contexts in situations and the location- and situation-dependent acquisition of practice- or occupation-relevant skills and abilities with the inclusion of non-university learning locations.

⁵As a rule, regular attendance is given if the absences do not exceed 20%. ⁶The applying regulations are laid out in the annexes. ⁷If attendance is compulsory, absences cannot be compensated by other work. ⁸Section 15, subsections 2 to 4, remains unaffected. ⁹Regular participation in the courses and their preparation and follow-up is recommended.

Section 8

Study, subject and examination guidance

(1) Legally binding information on examination requirements and examination achievements in the PhD programme is provided by the chairperson of the PhD committee or the managing director of the Cologne Graduate School (CGS).

(2) The managing director of the Cologne Graduate School (CGS) as well as the doctoral office are available for student counselling.

(3) ¹Subject-specific study guidance is provided by the university lecturers and academic staff involved in the education in this degree programme during office hours. ²The office hours are announced on the notice board and the internet.

(4) The student union (Allgemeiner Studierendenausschuss – AStA) and the Faculty's student council offer advice on general questions regarding the organization of studies.

(5) ¹Division 9: The International Office of the University of Cologne as well as institutions of the Faculty offer counselling for the special questions of international doctoral candidates. ²A Faculty-wide counselling service is available for counselling on the recognition of examinations taken abroad.

(6) In the case of study-related personal difficulties, the first point of contact should be the psycho-social counselling services of Cologne Student Services (Kölner Studierendenwerk).

(7) Doctoral candidates with disabilities or chronic or mental illness can make use of the advice of the university administration (Service Center Inclusion) as well as of the representative for students with disabilities or chronic illness.

Section 9

Recognition of achievements

(1) ¹Examination achievements that have been completed at other faculties of the University of Cologne, in research training groups or cooperative doctoral programmes of the Faculty or in study programmes at other domestic or international state or state-recognized universities and research institutions or in another study programme of the same university will be recognized upon written or electronic application of the doctoral candidate, provided that with regard to the acquired competences there is no significant difference to the achievements that are being replaced; an examination of equivalence does not take place. ²Recognition takes place according to the modules of the doctoral programme (see annexes). ³Recognition of a credit achieved elsewhere is not possible if this credit has already been earned at the University of Cologne.

(2) ¹On application, knowledge and qualifications acquired by means other than study may be recognized on the basis of documents submitted if such knowledge and qualifications are equivalent in content and level to the examination achievements which they are to replace. ²Recognition of such non-university achievements beyond half of the examination achievements to be taken is not permitted.

(3) ¹If achievements are recognized, the grades shall be transferred and included in the calculation of the overall grade, insofar as the grading systems are comparable. ²In the case of incomparable grading systems, the remark 'passed' shall be included. ³It is possible to indicate the recognition of achievements in the transcript.

(4) ¹Doctoral candidates must submit the documents required for recognition. ²Applications for recognition must be submitted in writing or electronically. ³The dissertation committee decides on the recognition, if necessary by hearing subject representatives. ⁴As a rule, the decision shall be made within three months and shall be communicated to the doctoral candidate in writing or electronically without delay and, in the case of rejection, reasons shall be given. ⁵If the recognition sought on the basis of an application in accordance with subsection 1 is denied, the applicant may apply for a review of the decision by the rectorate, irrespective of procedural deadlines. ⁶The rectorate shall give the chairperson of the dissertation committee a recommendation for the further handling of the application.

Section 10

Forms of examination

(1) Modules are usually completed with only one module examination.

(2) ¹Module examinations can be taken in written, oral, practical or combined form. ²The form of examination must be suitable to test the learning objectives and learning outcomes imparted in the module, and to prove that the doctoral candidate has mastered the contents and methods of the module in the essential contexts and can apply the acquired knowledge and skills. ³The form and duration or workload of the respective examination are specified in the annex. ⁴For serious reasons, the chairperson of the examination committee may determine a different type of examination upon written application.

(3) As a rule, the written examination form is:

1. **Written examination:** A written examination is a piece of work to be completed under personal supervision or electronic supervision (video supervision), in which given tasks are to be completed alone and independently using only the approved aids. The duration of an examination is usually a minimum of 45 and a maximum of 180 minutes and is specified for the respective examination in the annex. Written examinations may be conducted in written or electronic form. Examinations may also be conducted in whole or in part in the form of a multiple-choice exam in accordance with Section 13.
2. **Term paper:** A term paper is an independent written elaboration of a given topic. The duration and scope of the term paper result from the workload of the module, which is shown in the annex. A term paper in a module with 6 credit points has a scope of 2, in a module with 9 credit points of 3, in a module with 12 credit points of 4 and in a module with 15 credit points of 5 credit points; one credit point corresponds to an average workload of approximately 30 hours. It must be submitted in written form or in an electronic format specified by the examiner. A declaration with the following wording is to be attached to the term paper: "I hereby affirm that I have written this paper independently and without the use of aids other than the ones stated. All passages taken verbatim or in spirit from published and unpublished external writings are marked as such. If both an electronic and a paper version are submitted, the following sentence is to be added: "I affirm that the submitted print version corresponds completely to the submitted electronic version."

German Text:

„Hiermit versichere ich, dass ich die vorliegende Arbeit selbstständig und ohne die Benutzung anderer als der angegebenen Hilfsmittel angefertigt habe. Alle Stellen, die wörtlich oder sinngemäß aus veröffentlichten und nicht veröffentlichten fremden Schriften entnommen wurden, sind als solche kenntlich gemacht.

„Ich versichere, dass die eingereichte Druckfassung der eingereichten elektronischen Fassung vollständig entspricht.“

3. A take-home exam is the independent written processing of one or more examination tasks within a given examination time. A take-home exam can be conducted in written or electronic form. The duration and scope of the take-home exam result from the workload of the module, which is shown in the annex. A take-home exam in a module with 6 credit points has a scope of 2, in a module with 9 credit points of 3, in a module with 12 credit points of 4 and in a module with 15 credit points of 5 credit points; one credit point corresponds to an average workload of approximately 30 hours.
4. An internship report is a written account and analysis of the tasks completed in an internship conducted at the university or at another institution. An internship report can be carried out in written or electronic form. The duration and scope of the internship report result from the workload of the module, which is shown in the annex. An internship report in a module with 6 credit points has a scope of 3, in a

module with 9 credit points of 4.5, in a module with 12 credit points of 6 and in a module with 15 credit points of 7.5 credit points; one credit point corresponds to an average workload of approximately 30 hours.

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

(4) As a rule, the oral defence forms are:

1. Oral defences: In oral defences, a doctoral candidate shall demonstrate that they recognize the contexts of the examination topics and are able to discuss specific questions within these contexts. Oral defences are conducted by at least two examiners or by one examiner in the presence of an expert assessor. As a rule, an oral defence lasts at least 20 minutes and at most 45 minutes per doctoral candidate and may also be conducted with the aid of electronic communication, if necessary. The duration, course and topics of the examination as well as the results shall be recorded in minutes. Doctoral candidates of the same degree programme shall be allowed to participate in oral defences as auditors upon request, unless a doctoral candidate objects. The examiner shall decide on the application according to the number of places available. Participation does not extend to the discussion and announcement of the examination result.
2. Presentation: A presentation serves to present a given topic or subject matter in a limited amount of time. The examination takes place within the framework of a course in the form of a lecture with the aid of suitable presentation techniques. If necessary, a presentation can also be carried out with the aid of electronic communication. The duration and scope of a presentation result from the workload of the module, which is specified in the annex. A presentation in a module with 6 credit points has a scope of 1, in a module with 9 credit points of 1.5, in a module with 12 credit points of 2 and in a module with 15 credit points of 2.5 credit points; one credit point corresponds to an average workload of approximately 30 hours.
3. Lecture: In the context of a lecture, independently developed aspects or perspectives of a subject area are presented in a limited amount of time with the help of suitable presentation techniques. If necessary, a lecture can also be conducted with the help of electronic communication. The duration and scope of a lecture result from the workload of the module, which is specified in the annex. A lecture in a module with 6 credit points has a scope of 1, in a module with 9 credit points of 1.5, in a module with 12 credit points of 2 and in a module with 15 credit points of 2.5 credit points; one credit point corresponds to an average workload of approximately 30 hours.

(5) ¹Combined examinations usually comprise different forms of examination that are suitable for testing the acquisition of different types of competences. ²As a rule, the combined examination forms are: workplace-based assessments, simulations, presentations with a written paper, papers with a lecture, project work and poster presentations, whereby the following applies:

1. Project work is the independent processing of a task or a problem in a group or by an individual from the planning to the implementation to the documentation of the result in written, oral, electronic or other form. The processing time and scope of a project work result from the workload of the module, which is specified in the annex. A project thesis in a module with 6 credit points has a scope of 3, in a module with 9 credit points of 4.5, in a module with 12 credit points of 6 and in a module with 15 credit points of 7.5 credit points; one credit point corresponds to an average workload of approximately 30 hours.
2. A poster presentation is a condensed large-format textual and/or pictorial presentation of scientific research results, methods and findings on a scientific question and can be carried out in written or electronic form. It serves to document and reflect on the learning process and is accompanied by an oral presentation of results and findings. The duration and scope of a poster presentation result from the workload of the module, which is specified in the annex. A poster presentation in a module with 6 credit points has a scope of 1, in a module with 9 credit points of 1.5, in a module with 12 credit points of 2 and in a module with 15 credit points of 2.5 credit points; one credit point corresponds to an average workload of approximately 30 hours.

(6) In appropriate cases, examinations may also be conducted as group work or oral group examinations at the discretion of the examiner, if the individual contribution of each individual group member is clearly recognisable, clearly definable and assessable.

(7) ¹The examiners determine whether the specific examination will be conducted face to face or in electronic form. ²As a rule, doctoral candidates are informed at the beginning of the course, but at the latest at the start of the examination registration phase, that an examination will be conducted as an online examination and whether it will be accompanied by video supervision. ³In the case of an examination conducted in electronic form, doctoral candidates shall be given sufficient opportunity before the examination to familiarize themselves with the electronic information and communication systems used in the respective examination. ⁴With regard to the provisions of data protection law and the implementation of video supervision, the provisions of the Regulations Governing Online Examinations and Video Supervision at the University of Cologne in its currently valid version shall apply, with the exception of Section 5 subsection 4 sentences 1 and 2.

(8) ¹Any disruptions in the examination process must be reported immediately to the chairperson of the examination committee or the examiner in writing or via an electronic transmission channel provided and announced by the examination committee on the website of the examination office. ²The assertion of a claim is excluded at the latest if more than three working days have elapsed since the performance of the examination.

Section 11

Multiple-choice examinations

(1) ¹A multiple-choice examination is feasible if the doctoral candidate can achieve the minimum performance required for passing the examination exclusively by marking or assigning the given answers. ²Examinations or examination questions in the multiple-choice procedure are only permissible if they are suitable for demonstrating that the doctoral candidate has mastered the contents and methods of the module in the essential contexts and can apply the acquired knowledge and skills.

(2) ¹The examination questions must be unambiguously comprehensible, free of contradictions, unambiguously answerable and suitable for determining the doctoral candidate's knowledge to be examined pursuant to subsection 1 sentence 2. ²Iterations of the same examination questions (also in the answer options) are permissible. ³The deduction of points within an examination task is not permitted.

(3) If the examiner – according to the Faculty- or degree programme-specific design of the concrete multiple-choice exam – is not at the same time the task setter, but rather the role of examiner is transferred from the examiner responsible according to the examination regulations to another person, namely the task setter, the following subsections 4 to 9 shall additionally apply.

(4) ¹The examiner selects the examination material, formulates the questions, determines the answer options and draws up the assessment rules and the assessment scheme in accordance with subsection 6. ²The requirements for passing the examination are to be determined in advance. ³Before the examination, the examiner conducts a review process in which the content and form of the questions are proofread by a second examiner.

(5) ¹The examiner can also create a pool of equivalent examination questions from which the doctoral candidates each receive different examination questions to answer. ²They shall be assigned by random selection. The equivalence of the examination questions must be ensured.

(6) ¹The examination is passed if the doctoral candidate has achieved at least 60 percent of the total achievable points. ²If the overall average of the points achieved in an examination minus 12 percent of the overall average is below 60 percent but above 50 percent of the total achievable points, the pass mark is calculated according to this escalation clause. ³A grading scheme that exclusively sets an absolute pass mark is not permitted.

(7) When calculating the scores, 0.5 values are interpreted in favour of the doctoral candidate.

(8) ¹If the assessment of examination performances reveals a conspicuous accumulation of errors in the answers to individual examination tasks, the examiner shall examine the examination tasks concerned without delay and before the announcement of the examination results to determine whether they are defective in terms of the requirements pursuant to subsection 2 sentence 1. ²The tasks shall be analysed post hoc. ³Difficulty index, discriminatory power index, reliability and distractor analysis provide indications of the quality of the questions set. ⁴If the review reveals that individual examination tasks are faulty, these

are to be reassessed or disregarded when determining the examination result. ⁵The number of examination tasks to be disregarded for determining the examination result is reduced accordingly. ⁶The reduction in the number of examination tasks after publication of the results may not be to the disadvantage of a doctoral candidate. ⁷If the number of points allotted to the examination tasks to be eliminated exceeds 20 percent of the total achievable points, the examination as a whole must be repeated. ⁸This also applies if only part of an examination performance is to consist of multiple-choice questions.

(9) If an examination performance consists only partly of multiple-choice questions in the examination papers, this subsection, with the exception of subsection 8, sentences 7 and 8, applies only to the part of the examination consisting of multiple-choice questions.

Section 12

Exam language

¹Module examinations and, where applicable, their examination elements are generally conducted in English. ²If modules or courses in modules are conducted in German, the corresponding module examination is also generally conducted in this language, indicated accordingly in the annexes.

Section 13

Registration and admission to examinations in the doctoral studies programme

(1) ¹Before admission to a module examination, entitlement to take the examination has to be ascertained. Doctoral candidates shall be admitted to a module examination if they are enrolled in the doctoral studies programme of the PhD programme at the University of Cologne, has registered for the respective module examination in time according to subsection 4 and, if applicable, fulfils further requirements according to subsection 2 and if there is no reason for refusal according to subsection 3.

(2) ¹Admission to a module examination may be subject to proof of certain prerequisites. ²If these prerequisites are course credit points, they serve the acquisition of competences and the assessment of learning status for teachers and students. ³They remain ungraded. ⁴If coursework requires attendance at a course for which regular attendance is not required in accordance with Section 7 subsection 4, doctoral candidates shall be allowed, in justified exceptional cases, to do alternative coursework that does not require course attendance, provided that this is suitable for promoting the acquisition of competences and the assessment of learning levels in a comparable manner. ⁵As a rule, study achievements are provided in the following formats: electronic learning level surveys, essays, exercises, homework, short presentations, protocols, reviews, test examinations, thesis papers and similar formats. ⁶The respective requirements for admission to a module examination are specified in the annex.

(3) ¹Admission to a module examination shall be refused if the requirements according to subsection 1 or subsection 2 are not fulfilled, if the module examination in the same or an equivalent module eligible for recognition has already been passed at the University of Cologne

or if a deadline for repetition has been missed. ²Admission to a module examination shall also be refused if the doctoral candidate has definitively failed an examination required by the examination regulations in the chosen degree programme at a higher education institution within the area of application of the Basic Law (Grundgesetz) or has lost the right to take the examination; this shall apply accordingly to degree programmes which have a considerable proximity in terms of content to the degree programme pursued so far. ³Furthermore, admission to an examination shall be refused if a doctoral candidate is on leave of absence pursuant to Section 48, subsection 5 HG, unless one of the exceptional cases specified in section 48, subsection 5, sentence 4 and sentence 5 HG applies.

(4) ¹Registration is required for each module examination; without registration, there is no entitlement to participation in or assessment of the examination performance. ²As a rule, the candidate must register for a module examination no later than six weeks before the examination date. ³Notwithstanding this, Section 18 subsection 3 applies.

(5) ¹The examination dates must be announced in a suitable form at the start of lectures, but at the latest nine weeks before the examination date by posting or on the internet. ²Notwithstanding this, the following applies: In the case of oral module examinations, the examination periods must be named at the beginning of the lecture period and the specific date at the latest two weeks before the module examination. ³Doctoral candidates who are admitted to a module examination are entitled to attend a published examination date, with the exception of cases of force majeure. ⁴Notwithstanding this, Section 18 subsection 3 applies.

(6) The chairperson of the dissertation committee decides on admission.

(7) Doctoral students who are enrolled on several degree programmes at the same time and who wish to take a module examination that is part of more than one of these degree programmes must specify in which degree programme they are taking the module examination when registering for this module examination.

Section 14

Deregistration, non-attendance and withdrawal from examinations

(1) ¹The deadlines for withdrawing from the module examinations shall be announced by the chairperson of the dissertation committee at least nine weeks before the examination date by hanging up a notice or on the internet in a suitable form. ²As a rule, a doctoral candidate may withdraw from a module examination without giving reasons no later than two weeks before the respective examination date.

(2) ¹If a doctoral candidate does not take part in a module examination set in terms of time and place without a valid reason or withdraws from the examination after the start of the module examination without a valid reason, the examination performance is deemed to have been 'failed'. ²The same applies if an examination is not completed within the specified time. ³If an examination is conducted electronically, the examination performance shall only be deemed to have been completed if the electronic transmission to the competent body has been fully completed by the end of the specified time.

(3) ¹If a doctoral candidate does not participate in a module examination or withdraws from the module examination after it has started, the chairperson of the dissertation committee may, if there are valid reasons, refrain from grading the examination performance as 'failed'. ²The same applies if an examination is not completed within the specified time. ³The reasons asserted for non-attendance or withdrawal must be notified to the chairperson of the dissertation committee immediately in writing or electronically and must be made credible. ⁴In the case of illness, a medical certificate must be submitted. ⁵In cases of doubt, the submission of a confidential medical certificate may be requested; the costs shall be borne by the university. ⁶The same applies in the case of proven illness of a dependant child or a spouse (including registered partners) requiring care, a relative in the direct line and a relative by marriage in the first degree. ⁷Everything else is regulated by the dissertation committee.

Section 15

Compensation for disadvantages and protective provisions

(1) The special concerns of doctoral candidates with disabilities, chronic or mental illnesses and doctoral candidates who are subject to maternity protection regulations shall be considered in order to ensure their equal opportunities.

(2) ¹If a doctoral candidate credibly demonstrates that he or she is unable to participate in examinations in the intended form or to the intended extent due to prolonged or permanent illness or disability, he or she will be granted compensation for a disadvantage upon written or electronic application to the chairperson of the dissertation committee. ²The submission of a specialist medical certificate may be required for this purpose. ³This applies accordingly with regard to deadlines and dates, obligations to participate in courses and coursework to be completed. ⁴The application must be submitted immediately after the prerequisites have been met.

(3) ¹Availment of the protection provisions in accordance with the maternity protection regulations as well as in accordance with the deadlines of the Federal Parental Allowance and Parental Leave Act (Bundeselterngeld- und Elternzeitgesetz) in the currently valid version shall be granted upon written application to the chairperson of the dissertation committee. ²In these cases, it is possible to take examinations despite the leave of absence. ³If a doctoral candidate can credibly demonstrate that she cannot participate in an examination in the intended form or to the intended extent due to maternity protection regulations, she will be granted compensation for disadvantages upon written or electronic application to the chairperson of the dissertation committee. ⁴For this purpose, the submission of a specialist medical certificate may be required. ⁵This applies accordingly with regard to deadlines and dates, obligations to participate in courses and course credit points to be completed. ⁶The application must be submitted immediately after the prerequisites have been met.

(4) ¹Special concerns resulting from the need to provide care for a spouse (including registered partners), a relative in the direct line or a relative by marriage in the first degree shall be considered appropriately, in particular with regard to deadlines and dates, obligations to attend courses and academic achievements. ²The application must be submitted immediately after the prerequisites have been met.

(5) ¹The applications pursuant to subsections 1 to 4 shall be comprehensively substantiated by the doctoral candidate, providing suitable evidence. Applications shall be submitted to the chairperson of the dissertation committee within a reasonable period of time prior to the performance of the course credit and/or examination. ²Insofar as a change in the illness or disability is not to be expected, the compensation for disadvantages shall extend to all examinations to be taken in the course of the studies as well as the acquisition of participation requirements.

Section 16

Assessment of examination performance

(1) ¹Examination performances are graded by the examiners. ²In the case of examinations taken in designated courses from a Master's degree programme, the assessment standards of the respective Master's examination regulations apply. ³The following grades are to be used:

1 = very good: an excellent performance;

2 = good: a performance significantly above the average requirements;

3 = satisfactory: a performance that meets average requirements;

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

5 = insufficient: a performance that no longer meets the requirements due to significant defects.

⁴By lowering or raising the individual marks by 0.3, intermediate values are formed for differentiated assessment. ⁵The grades 0.7; 4.3; 4.7 and 5.3 are excluded. ⁶An examination performance is passed if it has been graded with 'sufficient' (4.0) or better or has been assessed as 'passed'.

(2) In the case of combined forms of examination pursuant to Section 10 subsection 5, an overall assessment of the course credit shall take place. ²The grade is indicated in accordance with subsection 1.

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

(4) Grades are indicated with one decimal place; all other decimal places are deleted without rounding.

(5) Scores, which are averaged values, are:

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 = insufficient.

Section 17

Announcement of the examination results

¹As a rule, doctoral candidates are notified of the assessment of examinations within eight weeks by posting the assessment information in KLIPS. ²If this regulation is deviated from; the reasons must be recorded on file. ³The doctoral candidate will be informed of the result of an oral defence following the examination.

Section 18

Repetition of module examinations

- (1) Module examinations that have not been passed can be repeated without restriction.
- (2) In the case of repeat examinations, the chairperson of the dissertation committee may, at the request of the examiner, specify a different form of examination or different characteristics of the respective form of examination.
- (3) In the case of repeat examinations, the deadlines pursuant to Section 13 subsection 4 and 5 may be deviated from in justified cases.
- (4) The repetition of passed module examinations is excluded.

Section 19

Examination Committee

The organization of the examinations and the tasks assigned by these Regulations is the responsibility of the dissertation committee of the Faculty of Management, Economics and Social Sciences.

Section 20

Examiners, assessors, electronic examination

- (1) ¹Examiners shall be appointed from the group of university lecturers and from the group of persons pursuant to Section 65 subsection 1 HG. ²Examination performances may only be assessed by persons who themselves have at least the qualification to be determined by the examination, or an equivalent qualification. ³Examiners who have left the University of

Cologne and professors who have resigned, been released from their duties or have 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. ⁴Only those who hold at least a doctorate themselves or have acquired an equivalent qualification may be appointed as assessors.

(2) ¹A lecturer shall be the examiner for the course for which they are responsible and which he or she conducts if he or she is a faculty member at the University of Cologne or a member with the qualification level of Habilitation, unless the dissertation committee appoints an examiner otherwise. ²Other members and members of the University of Cologne from the group of persons pursuant to Section 65 subsection 1 HG may be appointed as examiners by the chairperson of the dissertation committee. ³The appointment of the examiners shall be made by the chairperson of the dissertation committee. ⁴The appointment of examiners and assessors shall be recorded on file.

(3) The examiners shall indicate the permitted working materials and aids for the examinations they conduct and shall announce these in a suitable manner in good time, at the latest when the examination date of the respective examination is announced.

(4) ¹Upon general and announced decision of the dissertation committee, written examination performances can be checked electronically for text copied from other sources that are not marked as quotes. ²In this case, doctoral candidates are obliged to submit the written examination results electronically as well and to confirm that the contents of the written and electronic versions are identical. ³The electronic verification pursuant to sentence 1 also includes the use of written examination performances for the purpose of comparison with written examination performances of third parties, provided there is a factual connection between the examination performances. ⁴The resolution pursuant to sentence 1 must regulate,

1. which examination results can be checked electronically,
2. whether the dissertation committee makes use of an administrative assistant and, if so, who this is,
3. in which file format, in which manner and at which location the electronic version is to be submitted,
4. which criteria are used to select the examination performances to be examined and
5. how long the electronic versions may be used.

⁵Notwithstanding sentence 1, electronic verification is always permissible in the event of justified initial suspicion of cheating. ⁶Notwithstanding sentence 4, the use of the electronic version shall end at the latest at the same time as the retention period for the examination file pursuant to Section 22 subsection 4. ⁷Without the consent of the doctoral candidate, any use of the electronic version by examiners or the doctoral defence board other than for the purpose of assessing or reviewing examination performance is not permitted. ⁸The result of an electronic examination may only form the basis of an incriminating examination decision if it has been confirmed by the examiners responsible.

(5) ⁹Examiners are independent of instructions in performing their examination duties. ¹⁰They and, if applicable, the assessors are subject to official secrecy. ¹¹If they are not in public service, they shall be bound to secrecy by the chairperson of the dissertation committee.

Section 21

Deception, breach of order

(1) ¹If a doctoral candidate attempts to influence the assessment of an examination performance by deception to their own or another's advantage, if they carry aids that are not permitted in the examination or if they commit scientific misconduct in the performance of the examination, they commit an act of deception. ²Non-approved aids may be confiscated by the supervisors after completion of the examination, which the doctoral candidate is entitled to finish, with the doctoral candidate's consent, in order to preserve evidence.

(2) ¹Depending on the severity of the act of deception pursuant to subsection 1, the dissertation committee shall pronounce one of the following sanctions against the doctoral candidate:

1. a warning;
2. the doctoral candidate is ordered to repeat the examination to which the act of deception relates;
3. the examination performance to which the act of cheating relates is deemed to have been assessed as 'failed';
4. the examination to which the act of deception relates is declared definitively failed;
5. the doctoral candidate is excluded from taking further examinations, thereby forfeiting the examination entitlement in the degree programme.

²A serious offence can be considered in particular in cases of the use of unauthorized aids, the (attempted) exertion of influence on the examiner or in cases of plagiarism in which sources are deliberately concealed by reformulating the original texts, rearranging the syntax or using synonyms. ³A particularly serious case can be considered in particular in the case of an elaborate use of technical aids such as internet-capable mobile phones, in the case of repeated acts of deception in different examinations, in the case of the organized collaboration of several persons, in the case of the adoption of an entire work of another person as one's own performance, the falsification of scientific work or the sabotage of examination work and the research work of others. ⁴The chosen sanction will be noted in the examination file.

(3) Particularly in the case of justified suspicion of plagiarism, the dissertation committee may also have further – including electronic – checks carried out without the doctoral candidate's consent.

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

(5) ¹Anyone who disrupts the performance of an examination may be warned by the respective examiners or supervisors. ²If the warnings are ineffective or if the disruption is serious, the doctoral candidate may be excluded from further performance of the examination. ³In this case, the dissertation committee may assess the examination performance as 'failed'. ⁴The reasons for the exclusion shall be recorded on file.

(6) ¹If a doctoral candidate attempts to change an examination performance during an inspection, the assessment originally determined by the examiner remains valid. ²In serious cases or in the case of repetition, the dissertation committee may furthermore declare the doctoral studies programme of the PhD programme as a whole to have been failed.

(7) ¹Before a decision is made by the dissertation committee; the doctoral candidate must be granted a legal hearing. ²The doctoral candidate shall be informed of the decision in writing or electronically without delay, the reasons for the decision shall be stated and an appeal notice shall be included.

(8) ¹In addition, administrative offence proceedings (Ordnungswidrigkeitsverfahren) may be instituted pursuant to Section 63 subsection 5 HG. ²It is also an administrative offence to intentionally attempt to influence the result of an examination to someone else's advantage.

Section 22

Invalidity of examination performances

(1) ¹If the requirements for admission to an examination were not met without the doctoral candidate intending to deceive about this, and if this fact only becomes known after completion of the doctoral defence procedure, this defect shall be remedied by passing the examination. ²If the doctoral candidate has intentionally obtained admission unlawfully, the dissertation committee shall decide on the legal consequences, taking into account the provisions of the Administrative Procedure Act of the State of North Rhine-Westphalia (VwVfG NRW).

(2) If a doctoral candidate has cheated in an examination and this fact only becomes known after completion of the doctoral defence procedure, the dissertation committee may subsequently withdraw the assessment for the examination in which the doctoral candidate cheated, subject to the provisions of Section 48 VwVfG NRW, and impose a sanction in accordance with Section 20 appropriate to the seriousness of the cheating.

(3) ¹The doctoral candidate shall be given the opportunity to comment prior to a decision pursuant to subsections 1 and 2. ²The dissertation committee shall be responsible for the decision and shall make its decision in compliance with the provisions of the Administrative Procedure Act of the State of North Rhine-Westphalia (VwVfG NRW). ³A decision is excluded after a period of five years from the issue date of the final Transcript of Records.

(4) The incorrect Transcript of Records and all incorrect attachments will be withdrawn and reissued if necessary.

Section 23

Examination file, inspection of files

(1) An examination file is kept for each doctoral candidate in accordance with Section 22 subsection 1 of the PhD Programme Regulations.

(2) A doctoral candidate can get information on the status of the examination results at any time within the scope of organizational possibilities.

(3) ¹After the announcement of an examination result, each doctoral candidate or their authorized representative shall be granted access, upon written or electronic application, to their written performance in this examination and to the examiners' reports and correction notes relating thereto as well as to the minutes of oral defences. ²Within the scope of this inspection, the doctoral candidate or their authorized representative must be given the opportunity to make either copies or photographs of the documents; any sample solutions issued may not be copied or photographed, as they are not part of the doctoral candidate's examination file. ³The further procedure for inspection, including an appropriate deadline for the inspection request, is regulated by the dissertation committee. ⁴After expiry of the specified deadlines, inspection is generally only possible if a doctoral candidate can prove that they are not responsible for missing the deadline. ⁵As a rule, there is no further right to information.

(4) ¹With the exception of the provisions in sentence 2, the examination file shall be kept until the expiry of the fifth year following the award of the doctoral degree and shall be offered to the competent archives after expiry of the period; if the archives refuse to accept it, it must be destroyed. ²Written examination documents, including the attendant evaluation documents, shall be offered to the archives two years after the announcement of the evaluation, provided no legal dispute is pending; this shall apply accordingly to electronic versions; if the archives refuse to accept them, they must be destroyed. ³The academic degrees awarded and a catalogued collection of the certificates and documents awarded may be kept in a register until the expiry of the fiftieth year following the completion of studies; sentence 1, second half-sentence shall apply accordingly.

(5) ¹Examination questions, correction notes and examiners' reports of which a doctoral candidate becomes aware may not be passed on to third parties or published if they are protected by copyright. ²This is without prejudice to justified interests in legal protection, for example in the form of disclosure to a commissioned lawyer.

Section 24

Degree

(1) ¹The degree programme is successfully completed when all required examination performances have been passed and the credit points have been acquired pursuant to Section 4 subsection 1. ²A Transcript of Records is issued for the successful completion of the degree programme.

(2) Proper and successful completion of the doctoral studies programme is one of the requirements for doctoral admission pursuant to Section 8 of the PhD Programme Regulations

of the Faculty of Management, Economics and Social Sciences of 01 August 2022 (AM 54/2022) in its currently valid version.

(3) ¹If a doctoral candidate has failed or definitively failed to pass the doctoral studies programme or has dropped out, or if they change universities, a certificate (Transcript of Records) on the examinations taken and the credit points earned shall be issued to them on application. ²If applicable, it must show that the doctoral studies programme has not been passed or has been definitively failed.

Section 25

Publication and entry into force

¹These Regulations shall enter into force on the day following their publication in the Official Bulletins of the University of Cologne.

²Issued on the basis of the resolution of the Faculty Council of the Faculty of Management, Economics and Social Sciences of 28 March 2022 and after examination of the legality by the Rectorate on 19 July 2022.

Cologne, 01 August 2022

The Dean

The Faculty of Management, Economics and Social Sciences of the University of Cologne

University Professor Ulrich W. Thonemann, PhD

Abbreviation	Posted
RE	Recognition
AS	Assignment
CS	Case study
TP	Term paper
WE	Written examination
OE	Oral defence
CM	Compulsory module
PW	Project work
PO	Portfolio
PR	Project
OP	Oral presentation
OtP	Obligation to participate
CP	Credit points
CEM	Compulsory elective module

Overview of the Annex

- Annex 1.1 PhD Programme
- Annex 2.2 Subject-specific Annex PhD Programme

Annex 1.1 PhD Programme

In the PhD programme, the doctoral candidate must acquire a total of 60 credit points. Of these, 36 credit points must be acquired in the basic area and 24 credit points in the specialization area. One reading group must be taken.

Group	Module	CP	CM/CE M	Target CP
Basic area	BM Advanced Mathematics	6	CEM	36
	AM Computational Methods	6	CEM	
	AM Selected Methods in Economics	6	CEM	
	BM Advanced Microeconomics I	6	CEM	
	BM Advanced Microeconomics II	6	CEM	
	BM Advanced Macroeconomics I	6	CEM	

	BM Advanced Macroeconomics II	6	CEM		
	BM Advanced Econometrics I	6	CEM		
	BM Advanced Econometrics II	6	CEM		
Specialization area	SM Market Design and Mechanism Design	6	CEM	18	24
	SM Advanced Public Economics	6	CEM		
	SM Advanced Behavioural Economics	6	CEM		
	SM Political Economics and Media Economics	6	CEM		
	SM Frictions, Technology, and Inequality	6	CEM		
	SM Survey Design Research	6	CEM		
	SM Empirical Methods and Data Analysis II	6	CEM		
	SM Empirical Methods and Data Analysis III	6	CEM		
	SM Advanced Mathematics	6	CEM		

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	AM Computational Methods	6	CEM		
	AM Selected Methods in Economics	6	CEM		
	BM Advanced Microeconomics I	6	CEM		
	BM Advanced Microeconomics II	6	CEM		
	BM Advanced Macroeconomics I	6	CEM		
	BM Advanced Macroeconomics II	6	CEM		
	BM Advanced Econometrics I	6	CEM		
	BM Advanced Econometrics II	6	CEM		
	SM Selected Issues in Economics Research I	6	CEM		
	SM Selected Issues in Economics Research II	6	CEM		
	SM Selected Issues in Economics Research III	6	CEM		
	SM Reading Group Microeconomics	6	CEM		
	SM Reading Group Macroeconomics	6	CEM	6	
	SM Reading Group Econometrics	6	CEM		

Annex 1.2 Subject-specific Annex PhD Programme

Module identification number	Title of the module	Module participation requirements	Start / Cycle / Duration of the module	Course forms and attendance requirements (OtP, maximum absences)	Examination requirements	Examination elements Type of examination Duration Language of the module examination	Prerequisite for the award of credit points	Trial restriction	Compulsory module (CM) Compulsory elective module (CEM)	Credit points of the module Sum of credit points in compulsory elective areas	Weighting of the module grade in the range grade
Basic area											
1302MBAMT1	BM Advanced Mathematics	None	every 2nd semester Winter semester Duration: 1 semester	Lecture & Tutorial	None	English Written exam: WE (90 min)	Passing the final module examination	None	CEM	6	6 / 36
1302MACMT1	AM Computational Methods	None	every 2nd semester Summer semester Duration: 1 semester	Lecture & Tutorial	None	English Written exam: WE (60 min)	Passing the final module examination	None	CEM	6	6 / 36
1289MAEXM1	AM Selected Methods In Economics	Recommendation: Microeconomics, Macroeconomics, Mathematics at Bachelor's level	every 2nd semester Summer semester Duration: 1 semester	Lecture & Tutorial	None	English Written exam: WE (60 min)	Passing the final module examination	None	CEM	6	6 / 36

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1289MBAMI1	BM Advanced Microeconomics I	Recommendation: Good basic knowledge of microeconomics and mathematics	every 2nd semester Winter semester Duration: 1 semester	Lecture & Tutorial	None	English Written exam: WE (60 min)	Passing the final module examination	None	CEM	6	6 / 36
1289MBAMI2	BM Advanced Microeconomics II	None	every 2nd semester Summer semester Duration: 1 semester	Lecture & Tutorial	None	English Written exam: WE (60 min)	Passing the final module examination	None	CEM	6	6 / 36
1302MBAMA1	BM Advanced Macroeconomics I	None	every 2nd semester Winter semester Duration: 1 semester	Lecture & Tutorial	None	English Written exam: WE (90 min)	Passing the final module examination	None	CEM	6	6 / 36
1302MBAMA2	BM Advanced Macroeconomics II	None	every 2nd semester Summer semester Duration: 1 semester	Lecture & Tutorial	None	English Written exam: WE (90 min)	Passing the final module examination	None	CEM	6	6 / 36
1314MBAEM1	BM Adv. Econometrics I	None	every 2nd semester Winter semester Duration: 1 semester	Lecture & Tutorial	None	English Written exam: WE (60 min)	Passing the final module examination	none	CEM	6	6 / 36
1314MBAEM2	BM Adv. Econometrics II	None	every 2nd semester Winter semester Duration: 1 semester	Lecture & Tutorial	None	English Written examination: TP	Passing the final module examination	none	CEM	6	6 / 36
Specialization area											

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1289MSMMD1	SM Market Design and Mechanism Design	Recommendation: Knowledge of game theory	every 2nd semester Winter semester Duration: 1 semester	Lecture & Tutorial	None	English Combined exam: OP, TP	Passing the final module examination	none	CEM	6	6 / 24
1302MSAPE1	SM Advanced Public Economics	Recommendation: Basic knowledge of differential calculus, optimisation problems with constraints, knowledge of consumer theory, knowledge of game theory.	every 2nd semester Winter semester Duration: 1 semester	Lecture & Tutorial	None	English Written examination: PO	Passing the final module examination	none	CEM	6	6 / 24
1289MSABE1	SM Advanced Behavioural Economics	Recommendation: Basic module Advanced Microeconomics I	every 2nd semester Summer semester Duration: 1 semester	Lecture & Tutorial	None	English Written examination: PO	Passing the final module examination	none	CEM	6	6 / 24
1302MSPME1	SM Political Economics and Media Economics	Recommendation: Knowledge of game theory, knowledge of consumer behaviour theory	every 2nd semester Summer semester Duration: 1 semester	Lecture & Tutorial	None	English Written examination: WE (90 min)	Passing the final module examination	none	CEM	6	6 / 24
1302MSFTI1	SM Frictions, Technology, and Inequality	Recommendation: Basic module Advanced Macroeconomics I, Basic module Advanced Econometrics I; Ba-sis module Advanced Macroeconomics II can be taken in parallel	every 2nd semester Summer semester Duration: 1 semester	Lecture & Tutorial	None	English Written examination: WE (90 min)	Passing the final module examination	none	CEM	6	6 / 24
-	SM Survey Design Research	None	every 2nd semester	Lecture & Tutorial	None	English Written	Passing the final module examination	none	CEM	6	6 / 24

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			Summer semester Duration: 1 semester			examination: PO						
1314MSEMD2	SM Empirical Methods and Data Analysis II	Recommendation: BM Advanced Econometrics	every 2nd semester Winter semester Duration: 1 semester	Lecture & Tutorial	None	English Oral defence: OE (30 min)	Passing the final module examination	None	CM	6	6 / 24	
1314MSEMD3	SM Empirical Methods and Data Analysis III	Recommendation: BM Advanced Econometrics	every 2nd semester Summer semester Duration: 1 semester	Lecture & Tutorial	None	English Written exam: WE (90 min)	Passing the final module examination	None	CM	6	6 / 24	
1302MBAMT1	BM Adv. Mathematics	None	every 2nd semester Winter semester Duration: 1 semester	Lecture & Tutorial	None	English Written exam: WE (90 min)	Passing the final module examination	None	CEM	6	6 / 24	
1302MACMT1	AM Computational Methods	None	every 2nd semester Summer semester Duration: 1 semester	Lecture & Tutorial	None	English Written exam: WE (60 min)	Passing the final module examination	None	CEM	6	6 / 24	
1289MAEXM1	AM Selected Methods In Economics	Recommendation: Microeconomics, Macroeconomics, Mathematics at Bachelor's level	every 2nd semester Summer semester Duration: 1 semester	Lecture & Tutorial	None	English Written exam: WE (60 min)	Passing the final module examination	None	CEM	6	6 / 24	

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1289MBAMI1	BM Advanced Microeconomics I	Recommendation: Good basic knowledge of microeconomics and mathematics	every 2nd semester Winter semester Duration: 1 semester	Lecture & Tutorial	None	English Written exam: WE (60 min)	Passing the final module examination	None	CEM	6	6 / 24
1289MBAMI2	BM Advanced Microeconomics II	None	every 2nd semester Summer semester Duration: 1 semester	Lecture & Tutorial	None	English Written exam: WE (60 min)	Passing the final module examination	None	CEM	6	6 / 24
1302MBAMA1	BM Advanced Macroeconomics I	None	every 2nd semester Winter semester Duration: 1 semester	Lecture & Tutorial	None	English Written exam: WE (90 min)	Passing the final module examination	None	CEM	6	6 / 24
1302MBAMA2	BM Advanced Macroeconomics II	None	every 2nd semester Summer semester Duration: 1 semester	Lecture & Tutorial	None	English Written exam: WE (90 min)	Passing the final module examination	None	CEM	6	6 / 24
1314MBAEM1	BM Advanced Econometrics I	None	every 2nd semester Winter semester Duration: 1 semester	Lecture & Tutorial	None	English Written exam: WE (60 min)	Passing the final module examination	None	CEM	6	6 / 24
1314MBAEM2	BM Advanced Econometrics II	None	every 2nd semester Winter semester Duration: 1 semester	Lecture & Tutorial	None	English Written examination: TP	Passing the final module examination	None	CEM	6	6 / 24

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1287MSSIE1	SM Selected Issues in Economic Research I	Recommendation: depending on course choice	irregular	Lecture & Tutorial	None	English, Combined Exam: OP, HATP	Passing the final module examination	None	CEM	6	6 / 24
1287MSSIE2	SM Selected Issues in Economic Research II	Recommendation: depending on course choice	irregular	Lecture & Tutorial	None	Written exam: WE (60 min)	Passing the final module examination	None	CEM	6	6 / 24
1287MSSIE3	SM Selected Issues in Economic Research III	Recommendation: depending on course choice	irregular	Lecture & Tutorial	None	Combined exam: OP, TP	Passing the final module examination	None	CEM	6	6 / 24
1289MSGMI1	SM Reading Group Microeconomics	Recommendation: Basic modules Advanced Mathematics, Advanced Microeconomics I	every 2. Semester - Summer semester	Seminar	None	English Combined Exam: OP, TP	Passing the final module examination	None	CEM	6	6 / 24
1302MSGMA1	SM Reading Group Macroeconomics	Recommendation: Basic module Macroeconomics I	every 2. Semester - Winter semester	Seminar	None	English Combined Exam: OP, TP	Passing the final module examination	None	CEM	6	6 / 24
1314MSGEM1	SM Reading Group Econometrics	Recommendation: Advanced Econometrics	every 2. Semester - Winter semester	Seminar	None	English Combined Exam: OP, TP	Passing the final module examination	None	CEM	6	6 / 24