The 2015- Curriculum for the Master’s Programme in Economics

February 2018 revision

1 Introduction

The 2015-Curriculum for the Master’s Programme in Economics consists of two parts: a common curriculum and a programme-specific curriculum. The Common Part applies to all bachelor’s and master’s programmes at the Faculty of Social Sciences, and lays out the common rules of all the social-science programmes.

The Programme Curriculum specific to Economics describes the academic elements of the Master’s Programme in Economics.

The Dean of the Faculty of Social Sciences approved this curriculum and the curriculum becomes effective on 1 February 2018.

Interim Provisions – Discontinuation of the 2008-Master’s Curriculum:

Students enrolled under the 2008-master’s curriculum who were not registered for the thesis were transferred to the 2015-master’s curriculum per 1 October 2017.

Students enrolled under the 2008-master’s curriculum who are registered for the thesis or who have passed the thesis will stay enrolled under the 2008-master’s curriculum.

2 Title and Affiliation

On successful completion of the Master’s Programme in Economics, graduates are entitled to use the title cand.polit. or the optional title cand.oec.on. In English: Master of Science (MSc) in Economics. By choosing particular courses – as described in this curriculum – graduates earn the right to use the title Cand.polit. (finansiering). In English: Master of Science (MSc) in Economics (Finance).

The programme is under the orders of the Board of Studies in Economics.

The Corps of External Examiners of the Economics Programme provides all external examiners for the programme.

3 Purpose and Competence Profile

3.1 Purpose

The Master’s Programme in Economics is an independent and complete research-based education. The programme is aimed at further developing the knowledge, skills and competences that students have acquired through their bachelor education. The aim of the Master’s Programme is to:
1. Provide the students with the option to qualify and specialize in economic and econometric theory and methods and to learn from other social science disciplines.

2. Equip students with advanced academic knowledge, theoretical qualifications and methodological skills so that students are capable of independently identifying, formulating and solving advanced complex problems within the fields of economics and econometrics.

3. Equip students with the competences necessary to find employment in economic professions as well as qualify them for admission to PhD programme in economics.

3.2 Competence Profile

The aim of the research based Master’s Programme at University of Copenhagen is to offer students a solid and internationally recognized development of their competencies in economics, econometrics and the application of these in economics and business problems. The education offers students a large variety of freedom of choice which allows them to specialize in advanced economics and econometrics. Moreover, there are options to choose to combine these with studies within other social science disciplines.

Students can further obtain a degree in economics with a specialization in finance.

The education has been constructed in order to further the ability of continuing, critical, and personal knowledge development. A number of advanced economic theory and methodological courses will bring students’ knowledge to a high level by international standards.

After having completed the education, a Master in Economics should possess the following knowledge, skills and competences:

**Knowledge**

- Deep and comprehensive knowledge about advanced aspects of economic theory
- Knowledge of advanced statistical and econometric methods
- Knowledge about how economic theory and methods can be applied to contemporary economic problems
- Critical, flexible and independent reflection on advanced economic theory and methods

**Skills**

- Skills in using advanced economic theory within a wide range of fields, e.g. public economics, development economics, international economics, finance etc.
- Skills in acknowledging, structuring and solving economic problems in a constructive manner.
- Be able to take a critical view of economic theory and method in order to compare possible solutions.
- Independently be able to construct, conduct and interpret own analyses using statistical and econometric methods.
- Be able to disseminate complex economic problems in writing and orally
Competences

Independently be able to discuss and interpret the assumptions and limitations of economic models in relation to varying issues.
Independently be able to define and carry through complicated statistical and econometric analyses in complex and variable situations that might induce new approaches to solutions.
Independently be able to formulate an analytical solution to an economic problem by combining advanced economic theory, data and statistical and econometric methods, competently be able to carry through analyses and explain and interpret the new analysis results.
Independently be able to identify and acquire new research based knowledge on advanced economic theory and methods and master advanced economic theories and models
Independently be able to initiate and carry through professional teamwork and claim academic responsibility.

3.3 Admission Requirements and Restrictions

Graduates with a Bachelor in Economics from the University of Copenhagen have a legal claim to admission to the Master’s Programme in Economics, if they apply for admission directly after completion of their bachelor’s programme.

The programmes below directly qualifies graduates to the Master’s Programme in Economics at the University of Copenhagen.

- The Bachelor’s Programme in Economics at the University of Copenhagen
- The Bachelor’s Programme in Economics – the Socioeconomic Line at the University of Southern Denmark
- The Bachelor’s Programme in Economics at Aarhus University
- The Bachelor’s Programme in Mathematics-Economics at Aarhus University
- The Bachelor’s Programme in Mathematics-Economics at the University of Copenhagen

Admission depends on the number of available places.

Applicants from other Danish and foreign universities, including applicants who have completed a bachelor programme in: Agricultural Economics from UCPH, Economics and Business Administration (HA-Almen) or HA MAT from CBS, AU or SDU, or Economics from AAU may be admitted on the basis of a specific and individual, academic assessment, provided that they have completed a relevant bachelor programme within the field of Economics. The assessment will consider the requirements below:

- The programme must be on the same level as the Bachelor’s Programme in Economics at the University of Copenhagen
- Microeconomics (a minimum of 15 ECTS corresponding to Microeconomics I+II at the Bachelor’s programme in Economics, UCPH)
- Macroeconomics (a minimum of 15 ECTS corresponding to Macroeconomics I+II at the Bachelor’s programme in Economics, UCPH)
- Econometrics/Statistics (a minimum of 15 ECTS corresponding to Probability Theory and Statistics + Econometrics I at the Bachelor’s programme in Economics, UCPH)
- Mathematics (a minimum of 10 ECTS on the same level as Mathematics A+B Probability Theory and Statistics +Econometrics I at the Bachelor’s programme in Economics, UCPH)
- Language proficiency corresponding to English at level B in the Danish upper-secondary school. Non-Danish students enrolled at the master’s programme must document their English proficiency, if their native language is another language than English

Solely the applicant’s bachelor degree will be considered when the applicant’s academic qualifications are assessed. This means that solely subject elements that form part of the qualifying bachelor degree will be considered.

A professional bachelor degree is not considered sufficient

3.3.1 Restriction and Prioritisation of Applicants
Starting from September 2018, admission to the Master’s Programme in Economics will be restricted. Information on the number of places along with the selection criteria in case of more applicants than places available is posted on the website [http://studies.ku.dk/masters/economics/](http://studies.ku.dk/masters/economics/)

If more applicants than the maximum intake fulfil the admission requirements, a selection will be made on the basis of a comprehensive evaluation, with emphasis on the following criteria:

Grades from the qualifying bachelor’s degree.
Grades achieved for bachelor courses relevant to the MSc in Economics, i.e. microeconomics, macroeconomics and econometrics.
Statement of purpose for wanting to study Economics (maximum 1 page) covering your motivation for applying.

4 The Content and Academic Profile of the Programme
See section 6.1. for a full list of links to all master’s courses posted in the online course catalogue on [www.kurser.ku.dk](http://www.kurser.ku.dk).

The online course catalogue contains detailed course descriptions with information on course content, intended learning outcome, literature, recommended academic qualifications, teaching and learning methods, exam forms and schedules.

The programme consists of constituent courses corresponding to 90 ECTS credits (including the thesis), providing students with the particular academic competences associated with the programme. All courses and seminars at the Department of Economics at the University of Copenhagen are defined as constituent. When transferring credits from other institutions, including those from stays abroad, the total of non-constituent courses (neighbouring courses) cannot exceed 30 ECTS (see section 4.3).
The programme structure is outlined below. Students are free to move seminars and elective courses around. The thesis must be finished during the second year and compulsory courses are fixed to the first semester:

<table>
<thead>
<tr>
<th>Semester</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>4th semester</td>
<td>Thesis, 30 ECTS credits (or 30 ECTS electives/seminars)</td>
</tr>
<tr>
<td>3rd semester</td>
<td>Elective courses (22.5 ECTS) (or thesis)</td>
</tr>
<tr>
<td>2nd semester</td>
<td>Elective courses (22.5 ECTS)</td>
</tr>
<tr>
<td>1st semester</td>
<td>Elective courses (15 ECTS) Microeconomics III (7.5 ECTS) Macroeconomics III (7.5 ECTS)</td>
</tr>
</tbody>
</table>

The programme consists of the following modules:

- 15 ECTS Compulsory Courses: ‘Microeconomics III’ (7.5 ECTS) and ‘Macroeconomics III’ (7.5 ECTS). Students, who already passed these courses as part of their admission qualifications, must take elective courses corresponding to 15 ECTS instead.
- 60 ECTS Elective Courses in Economics.
- 15 ECTS Economics Seminars.
- A thesis equal to 30 ECTS

The compulsory courses Microeconomics III and Macroeconomics III must be passed within the first year of study. Seminars and elective courses can be placed according to wish. Students who have passed 60 ECTS can place their thesis on either third or fourth semester.

In unusual circumstances, the Board of Studies may grant exemptions from the placement of the fixed elements.

Elective courses in economics include courses offered by the Department of Economics, as well as courses in economic theory and methodology, econometrics, and mathematics offered at other programmes (see section 4.3 on credits). As part of the elective courses, students may take a maximum of 30 ECTS neighbouring courses, i.e. courses within the social sciences in its broadest sense.

From the group of elective courses in economics, students may choose to write up to two co-curricular written assignments, each equal to 0.5–7.5 ECTS. See section 6 on co-curricular written assignments.

A list of compulsory and elective courses in economics is found in section 6.1 (see also section 4.3 on credit transfers).

A 30 ECTS mobility window may be placed on the second or third semester.
4.1 Specialisations

Students at the Master’s Programme in Economics may choose one particular line of specialisation, i.e. the Master’s in Economics (Finance).

To qualify for the title Cand.polit. (finansiering), in English: Master of Science (MSc) in Economics (Finance), students, must have taken at least 45 ECTS F-marked finance courses, completed at least one F-marked economic seminar, and written their thesis within the field of financing.

Students specialising in finance must specify this on their thesis contract.

4.2 Course and Exam Registration

The University enrols students on ‘Microeconomics III’ and ‘Macroeconomics III’ in their first semester, provided that the students have not previously passed elements corresponding to these courses. The courses must be passed before the end of the first year of study.

Students are personally responsible for registering for all other courses and examinations in the Self Service in KUnet during the registration periods. The University expects all students to be full-time students registered for 30 ECTS each semester.

When registering for a course, the student will automatically be registered for the associated exam.

Registration for a course is binding when the late-registration period ends. This means that the course must be included in the student's study programme, and that it cannot be replaced by other courses.

4.2.1 Allocation of places on oversubscribed elective courses

If a course is oversubscribed during the course registration period, the allocation of places will be by lot.

Students who have not been allocated a place on a given course will be contacted by the study administration.

4.2.2 Allocation of places on seminars

Students must choose three priorities to make sure they are allocated a place. Students who only choose one seminar and are not allocated a place will not be contacted by the study administration. Students who want two seminars must choose two first priorities, one second priority and one third priority.
4.3 Credits
For a course to be transferred to the Master’s Programme, it must deal with economic theory or methodology, econometrics or mathematics. If the course falls within the field of social sciences in its broadest sense, and/or is assessed to be relevant to the student’s individual programme, the university may approve the credit transfer as a non-constituent course (neighbouring course).

Students may transfer a maximum of 60 ECTS, of which a maximum of 30 ECTS may be neighbouring courses. No more than one seminar can be transferred. The Board of Studies may grant exemptions from these limits.

Mandatory credit transfer does not form part of the above mentioned 60 ECTS limit on credit transfer.

5 Exams

5.1 Assessment and Grading
The Examination Order (Eksamensbekendtgørelsen) stipulates that external examiners must evaluate at least one third of the ECTS of the master’s programme (i.e. 40 ECTS). This rule is satisfied by 100 % external assessment of the thesis (30 ECTS) as well as the two seminars.

In addition, every semester 8 courses with written exams at PBV are selected to external co-examination of 20% of the exam papers. Courses with an oral exam have always an external co-examiner, if the course has only one teacher. Courses with a take-home exams have never external co-examiner, unless very special circumstances apply.

Co-curricular written assignments corresponding to 5.5 ECTS or more are subject to external assessment. Details of the evaluation method of each course are described in section 6.1, and also in the Course Catalogue at www.kurser.ku.dk/.

The Examination Order (Eksamensbekendtgørelsen) stipulates that at least two thirds of the ECTS of the master’s programme (i.e. 80) must be assessed with grades. This requirement is satisfied, when the thesis (30 ECTS), ‘Microeconomics III’ and ‘Macroeconomics III’ (15 ECTS), the seminars (15 ECTS), as well as at least another 20 ECTS are assessed with grades. Students who passed ‘Microeconomics III’ and ‘Macroeconomics III’ during their bachelor’s programme must take at least 35 ECTS graded elective courses

The majority of courses offered by the Department of Economics are graded according to the 7-point grading scale. However, a small number of courses are assessed with Pass/Fail. When this is the case, it is noted in the course description.

5.2 Exam Language
Students might sit a Danish examination in either Swedish or Norwegian after prior agreement with the course coordinator.
Master’s students who wish to document that they have completed the English-language version of the Master’s Programme in Economics must have completed all of their examinations in English.

5.3 Formal Requirements for written papers
Reference is made to section 4.5 on formal requirements of the common curricula.

The following is a clarification of the formal requirements for written assignments and exams at Department of Economics.

A standard page is equal to 2400 keystrokes including spaces.
Included in the total number of keystrokes is:

- the main text
- footnotes
- end notes
- equations
- formulas
- preface

Excluded from the total number of keystrokes is:

- cover page
- table of contents
- summary/abstract
- list of references/ bibliography
- figures
- graphs
- tables
- appendicits

6 Course Catalogue

6.1 Outline of Programme Elements:
The table below lists the programme elements by name, number of ECTS, and prerequisite requirements.

The course titles link to courses offered during the autumn semester 2017 and spring semester 2018. Links will be updated once a year.
“(F)” indicates that the course is part of the finance track.

### Compulsory Courses:

<table>
<thead>
<tr>
<th>Course Title</th>
<th>ECTS Credits</th>
<th>Pre-requisite*</th>
<th>Exam</th>
<th>Assessment</th>
<th>External Assessment</th>
<th>Resit Exam</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microeconomics III</td>
<td>7.5</td>
<td>Yes</td>
<td>2-hour closed-book written examination</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Macroeconomics III</td>
<td>7.5</td>
<td>Yes</td>
<td>3-hour closed-book written examination</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
</tbody>
</table>

### Economics Elective Courses:

<table>
<thead>
<tr>
<th>Course Title</th>
<th>ECTS credits</th>
<th>Pre-requisite*</th>
<th>Exam</th>
<th>Assessment</th>
<th>External assessment</th>
<th>Resit Exam</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Development Economics (Micro Aspects)</td>
<td>7.5</td>
<td>Yes</td>
<td>3-hour closed-book written examination</td>
<td>Grade</td>
<td>No</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Advanced Development Economics - Macro Aspects</td>
<td>7.5</td>
<td>Yes</td>
<td>3-hour closed-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Advanced Development Economics: Applied Macroeconomic and Policy Analysis</td>
<td>7.5</td>
<td>Yes</td>
<td>24-hour take-home exam</td>
<td>Grade</td>
<td>No</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Advanced Industrial Organization</td>
<td>7.5</td>
<td>No</td>
<td>3-hour closed-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Advanced International Trade</td>
<td>7.5</td>
<td>No</td>
<td>3-hour closed-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Course</td>
<td>Credits</td>
<td>Examination Type</td>
<td>Exam Details</td>
<td>Grade</td>
<td>Sample</td>
<td></td>
</tr>
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<td>---------------------------------------------</td>
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<td>-----------------------------------------------------------------------------</td>
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<td></td>
</tr>
<tr>
<td>Advanced Macroeconometrics</td>
<td>7.5</td>
<td>No</td>
<td>3-hour closed-book written exam</td>
<td>Grade</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Advanced Macroeconomics: Business Cycles</td>
<td>7.5</td>
<td>Yes</td>
<td>7-days take-home exam</td>
<td>Grade</td>
<td>Random sample</td>
<td></td>
</tr>
<tr>
<td>Advanced Microeconometrics (f)</td>
<td>7.5</td>
<td>No</td>
<td>Oral exam without preparation, without study aids</td>
<td>Grade</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Advanced Strategic Management</td>
<td>7.5</td>
<td>No</td>
<td>Oral exam without preparation with synopsis</td>
<td>Grade</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Anvendte generelle ligevægtsmodeller</td>
<td>7.5/12.5</td>
<td>Yes</td>
<td>Oral open book with preparation /oral without preparation, with submission of master’s assignment</td>
<td>Grade</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Applied Econometric Policy Evaluation</td>
<td>7.5</td>
<td>No</td>
<td>12-hours open-book take-home assignment</td>
<td>Grade</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Bayesian Econometrics (F)</td>
<td>7.5</td>
<td>Yes</td>
<td>7 days take-home assignment</td>
<td>Grade</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Behavioral and Experimental Economics</td>
<td>7.5</td>
<td>Yes</td>
<td>2-hour closed-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td></td>
</tr>
<tr>
<td>Behavioral Finance (F)</td>
<td>7.5</td>
<td>Yes</td>
<td>2-hour closed-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td></td>
</tr>
<tr>
<td>Contract Theory</td>
<td>7.5</td>
<td>No</td>
<td>3-hour closed-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td></td>
</tr>
</tbody>
</table>

Same but possibly oral exam.
<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Exam Mode</th>
<th>Exam Type</th>
<th>Grade Distribution</th>
<th>Oral Exam Mode</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corporate Finance and Incentives (F)</td>
<td>7.5</td>
<td>Yes</td>
<td>3-hour closed-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Corporate Finance Theory (F)</td>
<td>7.5</td>
<td>Yes</td>
<td>14-days take-home assignment</td>
<td>Pass/Fail</td>
<td>No</td>
<td>Same, but possibly oral exam</td>
</tr>
<tr>
<td>Datamatik</td>
<td>7.5</td>
<td>Yes</td>
<td>Continuous assessment</td>
<td>Pass/Fail</td>
<td>No</td>
<td>None</td>
</tr>
<tr>
<td>Demography</td>
<td>7.5</td>
<td>Yes</td>
<td>Project</td>
<td>Grade</td>
<td>No</td>
<td>Same</td>
</tr>
<tr>
<td>Derivative Pricing (F)</td>
<td>7.5</td>
<td>No</td>
<td>3-hour open-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Development Economics</td>
<td>7.5</td>
<td>No</td>
<td>3-hour closed-book written exam</td>
<td>Grade</td>
<td>No</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Dynamic Programming - Theory, Computation, and Empirical Applications</td>
<td>7.5</td>
<td>No</td>
<td>Project and oral defence</td>
<td>Grade</td>
<td>No</td>
<td>Same</td>
</tr>
<tr>
<td>Dynamiske Modeller</td>
<td>7.5</td>
<td>Yes</td>
<td>3-hour written exam with certain study aids</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Economic Growth (F)</td>
<td>7.5</td>
<td>No</td>
<td>3-hour closed-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Economic Sociology</td>
<td>7.5</td>
<td>No</td>
<td>24-hour open-book take-home exam</td>
<td>Grade</td>
<td>No</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Economics of Banking (F)</td>
<td>7.5</td>
<td>No</td>
<td>3-hour closed-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Economics of Education</td>
<td>7.5</td>
<td>Yes</td>
<td>3-hour closed-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Course</td>
<td>Credits</td>
<td>Exam Format</td>
<td>Duration</td>
<td>Exam Style</td>
<td>Grade Scheme</td>
<td>Notes</td>
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<tr>
<td>-----------------------------------------------------------------------</td>
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</tr>
<tr>
<td>Economics of the Environment, Natural Resources and Climate Change</td>
<td>7.5</td>
<td>Yes</td>
<td>3-hour closed-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Economics of the European Union</td>
<td>7.5</td>
<td>Yes</td>
<td>3-hour closed-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td>The same but option of oral exam</td>
</tr>
<tr>
<td>Economics of Exchange Rates (F)</td>
<td>7.5</td>
<td>Yes</td>
<td>3-hour closed-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Erhvervsret (F)</td>
<td>7.5</td>
<td>No</td>
<td>3-hour open-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Family Economics</td>
<td>7.5</td>
<td>Yes</td>
<td>24-hour take home exam</td>
<td>Grade</td>
<td>No</td>
<td>Same</td>
</tr>
<tr>
<td>Financial Econometrics A (F)</td>
<td>7.5</td>
<td>Yes</td>
<td>3-hour closed-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Financial Frictions, Liquidity, and the Business Cycle (F)</td>
<td>7.5</td>
<td>Yes</td>
<td>3-hour closed-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Financial Markets (F)</td>
<td>7.5</td>
<td>No</td>
<td>48-hour open-book take-home exam</td>
<td>Grade</td>
<td>No</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Foundations in Behavioral Economics</td>
<td>7.5</td>
<td>No</td>
<td>3-hour closed-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Game Theory (F)</td>
<td>7.5</td>
<td>Yes</td>
<td>Oral closed book with preparation</td>
<td>Grade</td>
<td>Yes</td>
<td>Same</td>
</tr>
<tr>
<td>Health Economic Evaluations</td>
<td>7.5</td>
<td>No</td>
<td>Project</td>
<td>Grade</td>
<td>No</td>
<td>Same</td>
</tr>
<tr>
<td>Health Economics</td>
<td>7.5</td>
<td>No</td>
<td>3-hour closed-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>History of Economic Thought</td>
<td>7.5</td>
<td>Yes</td>
<td>7-days open-book take-home exam</td>
<td>Grade</td>
<td>No</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>ICT-Applied</td>
<td>7.5</td>
<td>Yes</td>
<td>Continuous assessment</td>
<td>Pass/Fail</td>
<td>No</td>
<td>None</td>
</tr>
<tr>
<td>Course</td>
<td>Credits</td>
<td>Exam Duration</td>
<td>Exam Type</td>
<td>Grade Test</td>
<td>Test Type</td>
<td>Alternative Format</td>
</tr>
<tr>
<td>-----------------------------------------------------------------------</td>
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<tr>
<td>Industrial Organization</td>
<td>7.5</td>
<td>No</td>
<td>3-hour closed-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>International Economics (F)</td>
<td>7.5</td>
<td>Yes</td>
<td>3-hour closed-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Labour Economics</td>
<td>7.5</td>
<td>No</td>
<td>12-hour open-book take-home exam</td>
<td>Grade</td>
<td>No</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Lineære Modeller</td>
<td>7.5</td>
<td>Yes</td>
<td>3-hour written exam with certain study aids</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Managerial Accounting (F)</td>
<td>7.5</td>
<td>No</td>
<td>3-hour closed-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Marketing</td>
<td>7.5</td>
<td>Yes</td>
<td>3-hour open-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Mechanism Design</td>
<td>7.5</td>
<td>Yes</td>
<td>7-day open-book take-home exam</td>
<td>Grade</td>
<td>No</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Monetary Policy (F)</td>
<td>7.5</td>
<td>No</td>
<td>3-hour closed-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Multivariat analyse og kategoriserede data</td>
<td>7.5</td>
<td>Yes</td>
<td>14-day open-book take-home exam</td>
<td>Grade</td>
<td>No</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Offentlig Forvaltning - Jura og Politik</td>
<td>7.5</td>
<td>No</td>
<td>3-hour closed-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Incentives and Organization</td>
<td>7.5</td>
<td>No</td>
<td>3-hour closed-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Organization Theory</td>
<td>7.5</td>
<td>Yes</td>
<td>48-hour open-book take-home exam</td>
<td>Grade</td>
<td>No</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Political Economics (udbydes næste gang E18)</td>
<td>7.5</td>
<td>No</td>
<td>3-hour closed-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Course</td>
<td>Credits</td>
<td>Exam Type</td>
<td>Duration</td>
<td>Grade</td>
<td>Open Book</td>
<td>Exam Type</td>
</tr>
<tr>
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<td>-------------</td>
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<td>-------</td>
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<tr>
<td>Praktisk tidsrækkeanalyse</td>
<td>7.5</td>
<td>No</td>
<td>24-hour open-book take-home exam</td>
<td>Grade</td>
<td>No</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Pricing Financial Assets (F)</td>
<td>7.5</td>
<td>No</td>
<td>3-hour closed-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Private Equity (F)</td>
<td>7.5</td>
<td>No</td>
<td>Project</td>
<td>Grade</td>
<td>No</td>
<td>Same</td>
</tr>
<tr>
<td>Programmering og statistik med SAS</td>
<td>7.5</td>
<td>No</td>
<td>3-hour open-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>The Psychology of Choice - Experimental Theory and Methods</td>
<td>7.5</td>
<td>Yes</td>
<td>3-hour closed-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Public Finance</td>
<td>7.5</td>
<td>No</td>
<td>3-hour closed-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Regnskabsanalyse og aktievurdering (F)</td>
<td>7.5</td>
<td>No</td>
<td>3-hour open-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Science of Behavior Change</td>
<td>7.5</td>
<td>Yes</td>
<td>2-hour closed-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Skatteret (F)</td>
<td>7.5</td>
<td>No</td>
<td>3-hour open-book written exam</td>
<td>Grade</td>
<td>No</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Social Data Science</td>
<td>7.5</td>
<td>Yes</td>
<td>Written assignment and oral exam</td>
<td>Grade</td>
<td>Yes</td>
<td>Same</td>
</tr>
<tr>
<td>Stikprøveteori</td>
<td>7.5</td>
<td>No</td>
<td>7-days open-book take-home exam and oral exam without aids</td>
<td>Grade</td>
<td>No</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Strategic Management</td>
<td>7.5</td>
<td>Yes</td>
<td>Oral with preparation</td>
<td>Grade</td>
<td>Yes</td>
<td>Same</td>
</tr>
<tr>
<td>Tax Policy (pt. ikke udbudt)</td>
<td>7.5</td>
<td>No</td>
<td>3-hour closed-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Telecommunications Economics</td>
<td>7.5</td>
<td>No</td>
<td>3-hour closed-book written exam</td>
<td>Grade</td>
<td>Random sample</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Title</td>
<td>ECTS</td>
<td>Yes/No</td>
<td>Exam Type</td>
<td>Grade</td>
<td>No/Yes</td>
<td>Exam Type</td>
</tr>
<tr>
<td>----------------------------------------------------</td>
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<tr>
<td>The Economic History of Europe</td>
<td>7.5</td>
<td>Yes</td>
<td>24-hour take home assignment</td>
<td>Grade</td>
<td>No</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Topics in Social Data Science</td>
<td>7.5</td>
<td>Yes</td>
<td>Project</td>
<td>Grade</td>
<td>No</td>
<td>Same</td>
</tr>
<tr>
<td>Videregående Statistik</td>
<td>7.5</td>
<td>Yes</td>
<td>Submission of mandatory assignments</td>
<td>Pass/Fail</td>
<td>No</td>
<td>Same</td>
</tr>
<tr>
<td>Økonomiske Prognoser i Praksis</td>
<td>7.5</td>
<td>No</td>
<td>12-hour open-book take-home exam</td>
<td>Grade</td>
<td>No</td>
<td>Same but possibly oral exam</td>
</tr>
<tr>
<td>Årsregnskab og Regnskabsanalyse</td>
<td>7.5</td>
<td>No</td>
<td>4-hour open-book take-home exam</td>
<td>Grade</td>
<td>No</td>
<td>Same but possibly oral exam</td>
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</table>

**Economics Seminars:**

<table>
<thead>
<tr>
<th>Seminar Title</th>
<th>ECTS</th>
<th>Yes/No</th>
<th>Exam Type</th>
<th>Grade</th>
<th>No/Yes</th>
<th>Exam Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>The variety changes every semester</td>
<td>7.5</td>
<td>Yes</td>
<td>Project</td>
<td>Grade</td>
<td>Yes</td>
<td>Written seminar project</td>
</tr>
</tbody>
</table>

**Seminar Resit Paper:**

<table>
<thead>
<tr>
<th>Title</th>
<th>ECTS</th>
<th>Yes/No</th>
<th>Exam Type</th>
<th>Grade</th>
<th>No/Yes</th>
<th>Exam Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seminar Resit Paper (for the second and third exam attempt)</td>
<td>7.5 ECTS</td>
<td>No</td>
<td>Project</td>
<td>Grade</td>
<td>Yes</td>
<td>Same</td>
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</tbody>
</table>

**Co-Curricular Written Assignments:**

<table>
<thead>
<tr>
<th>Title</th>
<th>ECTS</th>
<th>Yes/No</th>
<th>Exam Type</th>
<th>Grade</th>
<th>No/Yes</th>
<th>Exam Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Co-Curricular Written Assignment</td>
<td>0.5–7.5</td>
<td>No</td>
<td>Project</td>
<td>Pass/Fail (0.5–5 ECTS)</td>
<td>No (0.5–5 ECTS)</td>
<td>Yes (5.5–7.5 ECTS)</td>
</tr>
</tbody>
</table>
**Thesis:**

<table>
<thead>
<tr>
<th>Name</th>
<th>ECTS</th>
<th>Prerequisites*</th>
<th>Exam</th>
<th>Assessment</th>
<th>External assessment</th>
<th>Resit Exam</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thesis</td>
<td>30</td>
<td>Yes</td>
<td>Project with oral defence</td>
<td>Grade</td>
<td>Yes</td>
<td>Same</td>
</tr>
</tbody>
</table>

*Students must meet the prerequisites before they are allowed to take the examination of the course, e.g. compulsory assignments, attendance, active participation, presentation and/or submission of a paper or a contract. The examination of some courses may be a project. In these cases it may be a requirement that students submit a project description or similar before being eligible to write the project. This may not necessarily be mentioned above.

**In courses where the exam is a take-home assignment or project and where the re-sit is changed to an oral exam the students might be required to hand in the assignment/project or a synopsis before attending the oral exam.

### 6.2 Course Descriptions

The following section contains course descriptions for the:

- compulsory courses
- thesis
- seminars
- co-curricular written assignments
- Seminar Re-Sit Paper

#### 6.2.1 Microeconomics III

MSc programme in Economics – mandatory course at first semester - if not taken at the BSc programme in Economics

**Content**

This course furthers the introduction of game theory, non-cooperative as well as cooperative, and its applications in economic models. The student who successfully completes the course will learn the basics of game theory and will be enabled to work further with advanced game theory. The student will also learn how economic problems involving strategic situations can be modeled using game theory, as well as how these models are solved. The course intention is that the student becomes able to work with modern
economic theory, for instance within the areas of industrial organization, macroeconomics, international economics, labor economics, public economics, political economics and financial economics.

In the process of the course the student will learn about:

- Static games with complete information
- Static games with incomplete information
- Dynamic games with complete information
- Dynamic games with incomplete information
- Basic cooperative game theory

The first part of the course is devoted to static games with complete information. This part of the course extends the initial treatment of the subject from Microeconomics B (Mikroøkonomi B). The concept of a normal form game and solution concepts such as dominance and Nash Equilibrium are reintroduced in a formally rigorous way. Students will also study a variety of economic applications of the theory. Finally, they will look more deeply into the theory of static games with complete information by studying mixed strategies and mixed-strategy Nash equilibria, and discussing equilibrium existence.

The second part of the course extends the treatment of dynamic games with complete information. The students will learn this theory in a more rigorous way and discuss various economic applications. The students will then study games with imperfect information and repeated games. They will be introduced to extensive form games, and will learn about the relevant refinement of the Nash equilibrium concept: subgame-perfect Nash equilibrium. Again, the theory will be illustrated by economic applications.

In the third part of the course the students will study simultaneous games of incomplete information. They will learn about the concept of Bayesian Nash equilibrium and apply their knowledge to different kinds of auctions, mechanism design problems, and other applications.

The fourth part of the course is devoted to dynamic games of incomplete information. The students will analyze the implications of introducing sequential moves into the games with incomplete information. They will gain knowledge of the Perfect Bayesian Equilibrium and its refinements, and will apply the theory to signaling games and other relevant economic problems. In particular, they will look into the job-market signaling model of Spence and other asymmetric information models.

Finally, the course will address cooperative games. The students will learn the basics of bargaining theory and cooperative game theory.

**Intended Learning Outcome**
After completing the course, the student should be able to:

**Knowledge:**
Formally state the definition of a game and explain the key differences between games of different types (static games of complete information, static games of incomplete information, dynamic games of complete information, and dynamic games of incomplete information).
Describe in detail the equilibrium (solution) concepts that are relevant for these games (Nash Equilibrium, Subgame Perfect Nash Equilibrium, Bayes-Nash Equilibrium, Perfect Bayesian Equilibrium).

Define a cooperative game and know the solution concepts of cooperative game theory as well as the basics of bargaining theory.

Acquire knowledge about a number of special games and particular issues associated with them, such as repeated games (including infinitely repeated games), auctions and signaling games.

Skills:

Explicitly solve for the equilibria of these games.
Explain the relevant steps in the reasoning of the solution.
Interpret the outcomes of the analysis.
Furthermore, be able to apply equilibrium refinements and the solution concepts of cooperative game theory, such as the core.

Competencies:

Analyze strategic situations by modeling them as formal games.
In particular, have the ability to set up, prove, analyze and apply the theories and methods used in the course in an independent manner.
Be able to evaluate and discuss the crucial assumptions underlying the theory.

Recommended Academic Qualifications
The course requires knowledge equivalent to that achieved in Microeconomics I and Microeconomics II.

Teaching and learning methods
The teaching will consist of lectures, as well as exercise classes. While the lectures will discuss and put perspectives on the curriculum, the exercise classes will focus on exercises and applications of the theory. Some relevant experiments will be discussed.

6.2.2 Macroeconomics III
MSc programme in Economics – mandatory course at first semester - if not taken at the BSc programme in Economics

Content
This course aims at providing insight into the basic models, concepts, methods and results of modern macroeconomics and to be a prerequisite for the more specialized macroeconomic courses. We will study what determines savings and capital accumulation in a general equilibrium framework. How taxes and public debt affect the economy. The effects of uncertainty and expectations, in particular how stabilization policy is affected by the way expectations are formed. Political limits to fiscal and monetary policy are analyzed.
Intended Learning Outcome
After completing the course, the student should be able to:

Knowledge:
Understand the basic models, concepts, methods and results of modern dynamic macroeconomic analysis. Use these tools to understand how shocks propagate in the economy.

Skills:
Manage the topics, methods, tools and theories learned during the course. Analyze the role of expectations and dynamic linkages, and to be proficient in the application of the concepts and methods which can be then used in other courses or in a future job after graduation.

Competencies:
Analyze a macroeconomic problem, where the above-mentioned concepts and methods are central, that is competence in solving such models and explaining in economic terms the results and implications and how they derive from the assumptions of the model.

Recommended Academic Qualifications
The course requires knowledge equivalent to that achieved in Macroeconomics I, Macroeconomics II, "Probability theory and statistics" (Sandsynlighedsteori og statistik) and Econometrics I.

Teaching and learning methods
The teaching will consist of lectures, as well as exercise classes.

6.2.3 Thesis
The thesis amounts to 30 ECTS. The thesis must be placed on the second year of the master’s programme or when the student has passed 60 ECTS.

Intended Learning Outcome:

Knowledge
The student should be able to:

- Explain and relate critically to relevant theoretical and / or empirical issues within the core areas of the study program.
- Explain and discuss new research-based knowledge of advanced theory and methodology within the core areas of the study program.

Skills
The student should be able to:
• Identify and describe a relevant, defined research question and carry out an independent scientific analysis within one or more core areas of the programme.
• Apply relevant theories in a well-informed manner and critically reflect upon the applied theories, methods and empirical data that form the basis for the analysis.
• Design strategies for solutions related to the specific research question
• Carry out a written and an oral reporting of research questions, method, analysis and conclusions on an academic level.

**Competencies**

The student should be able to:

• Structure and initiate theoretical and/or empirical analyses within one or more core areas of the study programme.
• Independently formulate an analytical solution to an economic problem, if needed, by combining advanced economic theory, data and statistic and econometric methods.
• Remain analytically self-correcting towards the applied theories, methods and own empirical work.
• Independently be able to achieve academic development and specialisation through the answering of the research question.

Students whose thesis and oral defence exam meet the specified requirements in an outstanding way (that is, without any, or only a few non-essential flaws) are awarded the highest mark possible (12).

**Registration**

Students must register for thesis following the rules for thesis registration in section 4.2.4 in the Common Part of the Curriculum.

It is not possible to cancel the contract once approved by the University.

For a detailed description of the registration procedures see the study pages in KUnet.

From the autumn 2018 there are new deadlines for the master’s thesis. Theses written in the autumn semester 2018 must have the start date 30 June 2018. Theses written in the spring semester 2019 must have the start date 30 November 2018. The deadline for submission is six months after these dates. The period of assessment is not included in the six months. Henceforth, if a student submits a thesis contract after these dates, the deadline is still six months after the official start date.

**Supervision**

Students must find a supervisor among one of the full-time lecturers at the Department of Economics, or among one of the part-time lecturers affiliated with the department. In unusual circumstances, students may apply to the Board of Studies for an external supervisor employed at another Danish university. The exemption will be granted on condition that none of the supervisors at the Department are capable of supervising the students.
The thesis contract must include a project description containing proper information about the topic, methodology and content of the thesis, as well as a timetable.

Students, who write their theses in collaboration with a company and make use of company data, should draw up a third-party agreement clarifying how the students may use the data, and whether the thesis should be confidential. A template third-party agreement is available on the study pages at KUnet under ‘Master’s Thesis’.

**Submission**

Students must upload their theses electronically in Digital Exam. The exact procedure for submission is described on the study pages in KUnet.

If the thesis is not submitted in time, it will not be assessed. In such cases, the students will have used their first exam attempt and must enter a new contract. The new contract must include a revised problem statement within the same subject area.

*Deadline for submitting second/third contract*

The second or third contract must be emailed to: specialeadministration@econ.ku.dk within two weeks after the deadline of the prior attempt – at the latest. The new deadline for the second or third attempt is three months after submitting the second or third thesis contract.

The rules are described in the section “Registration for the Second and Third Exam Attempts on the Master’s Programme” of the Common Part of the Curriculum.

**Type of Examination and Other Regulations:**

The thesis is a project with a subsequent oral defence.

*Formal requirements*

Theses may be written individually or by two students in collaboration. If written by one student, the thesis must be no longer than 80 standard pages (192,000 keystrokes in total). If co-written, the limit is 120 pages (288,000 keystrokes in total).

A standard page is defined as 2,400 keystrokes including spaces. The number of pages is based on this definition. The number of standard pages and the number of keystrokes must appear on the front page of the thesis. See section 5.3 for more information about the formal requirements for written assignments and section 4.5 of the Common Part of the Curriculum for a more detailed description of the standard page definition.

If two students co-write their thesis, it must be clearly stated which student wrote which part, enabling their contributions to be assessed individually. The foreword/introduction and table of contents should clearly identify with which parts each author contributed.
Solely the introduction and conclusion, as well as any potential sub-conclusions, may be written collectively. Please note that no more than 20% of the thesis may be co-written.

Students co-writing their thesis defend it individually, and the authors may not be present at the co-author's oral defence.

**Assessment**

The thesis is assessed externally, according to the 7-point grading scale. The summary is included in the assessment of the thesis.

The summary should summarise the main points of the thesis and stipulate how the student arrived at these points. The summary must be written in another language than Danish, even if the thesis is not in Danish. The summary may be in English, German or French. Swedish and Norwegian do not count as foreign languages, cf. the Examination Order (Eksamensbekendtgørelsen).

Writing and spelling skills are part of the overall assessment of the thesis. However, the academic content will be weighed more heavily, cf. the Examination Order (Eksamensbekendtgørelsen). The Study Board might grant an exemption from this rule in case of impairment, cf. the Examination Order (Eksamensbekendtgørelsen).

**Language**

Danish or English

### 6.2.4 Seminars

Seminars are courses with class teaching and a focus on written presentation. The assignment may be written in English or Danish. If the language of the seminar is in English all students must write in English.

It is recommended (but not a requirement) that students have participated in the corresponding course if such exists.

**Purpose:**

The purpose of seminars on the Master’s Programme in Economics is for students to identify and clarify a problem employing the theories and methods acquired during their Bachelor’s and Master’s Programmes in Economics. Participation in an economic seminar involves:

- preparation of a written presentation
- constructive discussion of other students’ presentations
- active participation.
In the assessment of an economic seminar paper the clarity and linguistic accuracy take precedence. The students make an agreement with the lecturer of the seminar concerning the topic of their individual seminar assignment.

**Intended Learning Outcome**

**Knowledge**
Specialised knowledge of a specific research theme within one or more of the core areas of the study programme.
In-depth knowledge of academic discussions from relevant scientific literature.
Knowledge of core methods, concepts and issues related to the research theme.

**Skills**
Independently and critically select, define and analyse a subtopic within one or more of the core areas of the study programme.
Independently and critically identify literature relevant to the selected sub-topic
Independently assess the relevance and the reliability of the chosen theory, methodology and empirical data.
Communicate the research results in an academic style.
Evaluate and independently discuss the academic projects of fellow students as well as one’s own.
Offer professional feedback on the academic projects of fellow students.

**Competencies**

Synthesize research-based contributions to knowledge.
Planning and preparing advanced academic assignments within predetermined time-frames and contribute to the formation of knowledge.
Remain analytically self-correcting towards the applied theories, methods and own empirical work.

Students who have completed a seminar in an outstanding way, i.e. without any, or only a few non-essential flaws are awarded the highest mark possible (12)

**Type of instruction:** During the economic seminars the participating students prepare a paper about a previously agreed topic and present it to their fellow students and the lecturer. The participating students take turns in the role of opponents of other students’ presentations.

**Formal Requirements:** As a requirement for the examination (i.e. the written exercise and presentation), students must:

a) Attend the agreement meeting at the beginning of the seminar (in case of such)

b) Attend the classes of the seminar. By prior arrangement with the lecturer, students may miss up to two classes, but only if the presentations are distributed over the entire semester, rather than, e.g. over two days
c) Submit a presentation of ideas or a detailed outline of the presentation (in case of such a requirement)

d) Submit a pre-presentation (in case of such a requirement)

e) Submit their commitment paper

d) Deliver their own presentation

e) Oppose another students’ presentations

f) Submit the final presentation

For economics seminars in the master’s programme, the written presentation must consist of a maximum of: 15 standard pages (360000 keystrokes in total) and eight pages of appendices (19200 keystrokes in total). See section 5.3 for more information about the formal requirements for written assignments and section 4.5 of the Common Part of the Curriculum for a more detailed description of the standard page definition.

If two or more students co-write an assignment, the number of standard pages is increased correspondingly. E.g. if two students co-write then the written presentation must consist of a maximum of 30 standard pages (72000 keystrokes) and 16 pages of appendices (38400 keystrokes).

If two students co-write an assignment, it must be clearly stated which student wrote which part, enabling their contributions to be individually assessed. The foreword/introduction and table of contents should clearly identify, with which parts each author contributed. The introduction and conclusion, as well as any potential sub-conclusions, may be written collectively. Please note that no more than 20 % of the assignment may be co-written.

Registration, submission and supervision

Students register for seminars online in the Self Service – please consult paragraph 4.2 and 4.2.2.

Type of Examination:

The grade for participation in a seminar is awarded solely on the basis of the written presentation.

Resit Examination:

If a student does not pass the seminar project or meet the compulsory requirements for the ordinary examination, the seminar project is replaced by a written seminar re-sit paper of 7,5 ECTS within the same subject area. Please consult paragraph 6.3.4. The seminar re-sit paper is assessed externally, according to the 7-point grading scale.

Assessment

The thesis is assessed externally, according to the 7-point grading scale. Writing and spelling skills are part of the overall assessment of the thesis. However, the academic content will be weighed more heavily, cf. the Examination Order (Eksamensbekendtgørelsen). The Study Board might grant an exemption from this rule in case of impairment, cf. the Examination Order (Eksamensbekendtgørelsen).
6.2.5  Co-curricular Written Assignments

A co-curricular assignment substitutes ECTS in the group of elective courses in economics.

**Purpose and Description of Objectives**
Co-curricular **written** assignments are available for students who want to enhance their knowledge and competences in a particular course. Students are allowed to write a maximum of two assignments of this kind during their master’s programme.

The rules for deadlines are posted on the study pages at KUnet.

**Intended Learning Outcome**

The students should demonstrate their mastery of the following:

*Knowledge*
Critically and independently reflect upon and discuss the economic theory and method within the chosen area of study.

*Skills*
Apply relevant theories and methods on a selected area of study.
Be able to independently summarise and analyse a topic in a well-structured written report.

*Competencies*
Independently identify and select relevant theories to examine a chosen area of study.
Independently select, analyse and apply academic literature relevant to a specific problem statement.

**Registration, Submission and Supervision:** Students register by submitting a registration form to the study administration (available on the study pages at KUnet).

Students should enter into supervision agreements with one of the full-time lecturers at the Department of Economics or an affiliated part-time lecturer, a PhD-student or a post doc. In case of unusual circumstances, students can have an external supervisor. No actual supervision is provided for co-curricular written assignments, but the supervisor is expected to assist with literature suggestions and the structuring of contents and time use.

Assignments prescribed to up to 5 ECTS must be submitted no later than two months after the registration date while assignments prescribed to 5.5 ECTS or more must be submitted no later than four months after the registration date.
The assignment must be submitted online in Digital Exam.
Formal requirements
The length of co-curricular written assignments depends on the prescribed number of ECTS. The requirements for the number of pages for co-curricular written assignments are as follows:

- 0–5 ECTS = 1–1.5 standard pages
- 1 ECTS = 2–3 standard pages
- 2.5 ECTS = 5–7.5 standard pages
- 5 ECTS = 10–15 standard pages
- 7.5 ECTS = 20–25 standard pages

If the assignment is prescribed to another number of ECTS than those listed above, the page number is calculated based on the number of pages for a 1 ECTS assignment.

A standard page consists of 2400 keystrokes including spacing. The number of standard pages and keystrokes must be stated on the front page of the paper. See section 5.3 for more information about the formal requirements for written assignments and section 4.5 of the Common Part of the Curriculum for a more detailed description of the standard page definition.

The assignment may be written by up to two students. If two students co-write the assignment, they must do so in a way that their individual contributions can be individually assessed. The foreword/introduction and table of contents must all clearly identify with which paragraphs each author contributed. The introduction and conclusion, as well as any sub-conclusions and/or summaries, may be written collectively. However, no more than 20 % of the assignment may be co-written.

For assignments written by two students, the number of pages is multiplied by 1.5.

Type of Examination:
The supervisor assesses assignments prescribed to up to 5 ECTS with a Pass/Fail grade. Assignments prescribed to 5.5 ECTS or more are assessed externally and graded according to the 7-point grading scale.

Re-sit Examination:
Same as for ordinary examination, i.e. the student must register for and re-submit the assignment.

6.2.6 Seminar Resit Paper
A seminar re-sit paper substitutes 7.5 ECTS in the group of economic seminars.

ECTS: 7.5 ECTS

Purpose and Description of Objectives: A seminar resit paper is available for students who have been registered for a seminar and who have not met the compulsory requirements for the ordinary examination or failed the ordinary exam.
Students are not allowed to co-write.

**Intended Learning Outcome**

The students should demonstrate their mastery of the following:

**Knowledge**

Critically and independently reflect upon and discuss the economic theory and method within the chosen area of study.

**Skills**

Apply relevant theories and methods on a selected area of study.
Be able to independently summarise and analyse a topic in a well-structured written report.

**Competencies**

Independently identify and select relevant theories to examine a chosen area of study.
Independently select, analyse and apply academic literature relevant to a specific problem statement.

**Registration, Submission and Supervision:**

Students register in the Self Service if the resit takes place in continuation of the seminar in question.
Students who wish to register for the resit in subsequent semesters must contact the study administration.
The resit paper is initiated at the beginning of the semester.
The seminar resit paper must be submitted in Digital Exam no later than four months after registration.

In principle, the examiner/supervisor is the teacher on the seminar. In exceptional cases the Head of Studies can appoint a different examiner/supervisor. No actual supervision is provided for seminar resit papers, but the supervisor is expected to assist with literature suggestions and the structuring of contents and time use.

**Type of Examination:** Seminar resit papers of 7.5 ECTS are assessed externally and graded according to the 7-point grading scale.

**Formal requirements**

The length of a seminar resit paper is 20–25 standard pages.
A standard page consists of 2400 keystrokes including spacing. The number of standard pages and keystrokes must be stated on the front page of the paper.
See paragraph 5.3 for more information on the formal requirements for written assignments.

**Resit Examination (third attempt):**

Same as above, i.e. the student must register for and re-submit the assignment.